DATA CENTER
SOLUTIONS GUIDE

HUBBELL®

DATA CENTER SOLUTIONS

Data center owners and stakeholders depend on high standards of availability, energy efficiency, redundancy, safety and security.

Hubbell's time-tested breadth of solutions spanning communications, electrical, grounding and power infrastructure continues to meet the demands of Data Center design and resilient availability. From small equipment rooms to hyperscale Data Centers, depend on the Hubbell team of experts to help realize unprecedented uptime that aligns with your modern business requirements.

Meeting Needs From All Perspectives
Human-Centric Technology, Controls and Lighting

Hubbell's solutions minimize the Total Cost of Ownership of Data Centers with interactive technology that exceeds design requirements, reduces start-up and operating costs and maximizes long-term reliability. Anytime, anywhere access to digital applications and devices is no longer a convenience – it's an expectation. Keep connectivity, reliability and uptime at the forefront with futureproof solutions.

Ease of Operation & Expansion

Energy Efficiency and Environmental Sustainability

Technical Innovation and Performance

Safety & Regulatory Compliance

DATA CENTER MARKETPLACE

Hubbell Data Center solutions deliver connectivity and communications -- with results that combine business priorities and environmental stewardship:

- Scalable software suite that provides configurable options for delivering advanced customized energy saving strategies, building automation integration and enablement of IoT solutions.
- Power over Ethernet (PoE), lighting and control platforms that seamlessly integrate luminaires, sensors, user interfaces and software for scalable, intelligent building control solutions.
- Fully integrated systems of copper and fiber network cabling and components, designed to meet PoE performance and reliability standards.

- **Educational**
- **Energy and Utilities**
- **Entertainment Services**
- **Federal, State and Local Government**
- **Financial**
- **Healthcare**
- **IT and Telecom**
- **Insurance**
- **Legal Firms**
- **Manufacturing**
- **Pharmaceutical and Life Sciences**
- **Retail**

ONE HUBBELL ADVANTAGE

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Security (Exterior)

Weatherproof LED Flood Light Kit with Motion Sensor

The Bell Outdoor Weatherproof LED Flood Light Kit with Motion Sensor features an 180° motion field with three control settings: Durations (2 seconds to 1.5 hours); Light sensitivity; and Motion Detection range (0-65 feet).

Features:

- Warm white LED flood lights (3000K), 2000 Lumens, 26W, 120VAC
- Die-cast aluminum heads and cover
- Patented multi-directional swivel joint for easy light adjustment
- 2 additional 1/2" threaded openings with closure plug

Applications:

- Parking areas
- Architectural outdoor area/site applications
- Pedestrian walkway applications
- Security areas (Exterior)
- Power/Renewable Energy

Weatherproof LED Swivel Commercial Grade Flood Lights

The Bell Outdoor LL1200 commercial grade series of LED Swivel Flood Lights are attractive and durable, bringing years of enjoyment, safety and convenience for many architectural or landscape lighting needs.

Features:

- 3000K warm white light with even distribution
- Rugged die-cast metal construction
- Powder coat finish provides maximum weatherability and scratch resistance
- Tempered glass lens
- Maintenance-free, LED-rated for 50,000 hours

Applications:

- Parking areas
- Architectural outdoor area/site applications
- Pedestrian walkway applications
- Security areas (exterior)

Grounding & Bonding

Fence Post Connectors

Burndy® mechanical grounding connectors for fence posts and fence mesh. Easy, fast installation for all grounding and bonding applications.

BURNDY

Features:

- Range taking
- No special tooling required
- Secure connections using bolts or other hardware
- Meets UL467 for Ground and Bonding applications

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms)
- Exterior and Parking (Outdoor)
- Power/Renewable Energy

Communications

HUBBCOM™ Remote

The HUBBCOM Remote IP device is featured as a door or gate entry device, providing the convenience of card entry with the ability to connect to a live attendant for entry. In addition as a remote monitoring station, HUBBCOM Remote provides clear video from its HD, ONVIF-compatible camera and audio from a built-in microphone.

GAI-TRONICS

Features:

- Point-to-point serverless audio and one-way video
- SIP telephone access
- Card access control (RFID or NFC)
- Vertical wide-angle HD camera
- Integral 2W speaker

Applications:

- Exterior and Parking Structure

Boxes & Covers

Round Weatherproof Box

Bell Weatherproof Round Splice boxes are used as a weatherproof junction box. Excellent for branch circuit wiring in wet, damp or dry locations. These boxes are compatible with Bell round cluster covers and round lampholder combinations.

BELL OUTDOOR

Features:

- Rugged die-cast aluminum construction
- Powder coat finish provides maximum weatherability and scratch resistance
- Includes Four 1/2" closure plugs
- Internal hub threads comply with NEMA requirements and accept all threaded fittings and threaded conduit
- Ground screw installed
- Multi-lingual instructions in each package

Applications:

- Parking areas
- Architectural outdoor area/site applications
- Pedestrian walkway applications
- Security areas (exterior)

1-Gang Weatherproof Box

Bell Outdoor Weatherproof Electrical Single-Gang boxes are used in branch circuit wiring in wet, damp or dry locations. These boxes may be used as a weatherproof junction box, or as a housing for receptacles, switches and GFCIs.

BELL OUTDOOR

Features:

- Rugged die-cast aluminum construction
- Powder coat finish provides maximum weatherability and scratch resistance
- Eight box mounting options with detachable lugs
- Includes two 1/2 in. closure plugs
- Internal hub threads comply with NEMA requirements and accept all threaded fittings and threaded conduit
- Ground screw installed
- Multi-lingual instructions in each package

Applications:

- Parking areas
- Architectural outdoor area/site applications
- Pedestrian walkway applications
- Security areas (exterior)

Round Weatherproof Electrical Cluster Cover

Bell Outdoor Weatherproof Cluster covers are used with Bell single gang or round weatherproof boxes. Cluster covers provide and easy means of mounting Bell lampholders and other accessories.

Features:

- Rugged die-cast construction
- Powder coat finish provides maximum weatherability and scratch resistance
- Includes gasket and mounting hardware
- Multi-lingual instructions in each package
- Three hole covers supplied with two closure plugs
- NEMA 3R rated

Applications:

- Parking areas
- Architectural outdoor area/site applications
- Pedestrian walkway applications
- Security areas (exterior)

1-Gang Weatherproof Cluster Cover

Bell Outdoor Weatherproof Electrical Cluster covers are used with Bell single-gang rectangular or round weather-proof boxes. The cluster covers provide an easy means of mounting Bell lampholders and other accessories.

Features:

- Rugged die-cast construction
- Powder coat finish provides maximum weatherability and scratch resistance
- Includes gasket and mounting hardware
- Multi-lingual instructions in each package
- No closure plugs included
- NEMA 3R rated

Applications:

- Parking areas
- Architectural outdoor area/site applications
- Pedestrian walkway applications
- Security areas (exterior)

1-Gang Weatherproof Cover

Bell Outdoor Weatherproof Electrical Box Covers are used when weatherproof protection is required.

Features:

- Rugged die-cast construction
- Powder coat finish provides maximum weatherability and scratch resistance
- Includes gasket and mounting hardware
- Multi-lingual instructions in each package
- Weatherproof aluminum is ideal for outdoor use
- Protects wiring for future locations of switches, outlets and other electrical devices
- Suitable for 1-gang device locations
- UL listed for safety

Applications:

- Parking areas
- Architectural outdoor area/site applications
- Pedestrian walkway applications
- Security areas (exterior)

2-Gang Weatherproof Cover

Bell Outdoor Weatherproof Electrical Box Covers are used when weatherproof protection is required.

Features:

- Rugged metallic construction
- Powder coat finish provides maximum weatherability and scratch resistance
- Installation hardware, gasket and multilingual instructions are included
- Vertical mount
- NEMA 3R rated

Applications:

- Parking areas
- Architectural outdoor area/site applications
- Pedestrian walkway applications
- Security areas (exterior)

Lobby & Security

LED Contemporary Architectural Troffer (LCAT)

LCAT LED Contemporary Architectural Troffer provides both design and value with an architectural appearance, LED technology to reduce maintenance and a full family including 2'x4', 2'x2', 1'x4' and 1'x2' sizes. High efficiency acrylic center lens features linear prisms for superior performance without LED pixelation.

Columbia LIGHTING

Features:

- High performance reflector with matte white paint standard
- Lightweight housing and electrical components fully accessible from below the ceiling for easy installation and maintenance
- 60,000 hour LEDs at L80 (up to 150,000 projected life) for reduced maintenance
- Surface and cable mount options available
- Controls compatible with NX Distributed Intelligence™ and SpectraSync™ Color Tuning Technology
- DLC® (DesignLights Consortium) Qualified, with some Premium Qualified configurations

Applications:

- Data Center Operations (Computer Room)
- Corridor and Stairwell

LE Series

Edge-Lit LED Architectural Exit Signs featuring elegant styling, easy installation and energy-saving, long-life LED lamps. Models are available for recessed ceiling, wall or end mounting.

DUAL-LITE®

Features:

- Extruded aluminum construction
- Available in six color finishes: white, black, satin aluminum, satin brass, chrome, and dark bronze
- Long-life LED lamps
- Molded acrylic plaque
- Clear acrylic plaque standard
- Ceiling, wall or end mounted models for recessed installations

Applications:

- Electrical and Mechanical Areas
- Common and Public Spaces
- Corridors and Stairwells
- Office and Meeting Spaces

NX Area Controller

The NX Area Controller allows any PC with an Internet Explorer® compatible browser to interface with the NX Distributed Intelligence™ Lighting Control Platform through a built-in web server.

The Controller connects to the HubbNET™ network providing communication with the NX Lighting Control Panels, NX Room Controllers, NX SmartPORT™ Modules and other wired NX system components. The NX Wireless Access Point additionally extends connectivity to NX Wireless Room Controllers, and fixture modules.

HUBBELL Control Solutions

Features:

- No software required—built-in web server provides connection via any Internet Explorer compatible browser
- Graphical User Interface (GUI) makes programming both intuitive and simple
- Local or remote access via the local network or Internet
- Connect to multiple users at once

Applications:

- Security (Interior)
- Entrance Rooms
- Telecommunications Room
- Network Operations Centers Common Areas and Public Spaces
- Corridors and Stairwells
- Offices and Meeting Rooms

Adaptive Technology Ceiling Sensors

Hubbell Control Solution's NX Ceiling Mount and Wall Mount Occupancy Sensors employ Passive Infrared and Ultrasonic sensing technologies to turn lighting on and off based on occupancy.

HUBBELL Control Solutions

Features:

- IntelliDAPT® self-adaptive technology-no manual adjustment required
- Non-volatile memory for sensor settings
- Optional Isolated Form C relay with N/O + N/C outputs
- 500-2,000 square-foot coverage area
- Plug and play integration with NX Room Controller
- UL and cUL listed
- Five-year limited warranty

Applications:

- Security (Interior)
- Entrance Rooms
- Telecommunications Room
- Network Operations Centers Common Areas and Public Spaces
- Corridors and Stairwells
- Offices and Meeting Rooms

PowerHUBB™ PoE Lighting & Control

Hubbell Control Solutions' PowerHUBB™ platform provides building owners and lighting practitioners with a fully integrated, end-to-end, intelligent PoE network leveraging the Internet of Things (IoT) to future-proof buildings through a highly scalable, digital ceiling platform. Contact us to learn how PowerHUBB's enterprise technology can deliver a clear path for cost-effective smart building deployments and ROI for your applications.

HUBBELL Control Solutions

Features:

- Actionable intelligence -- scales from basic lighting control to advanced cloud based analytics
- Code compliance made easy -- delivers a system designed to meet the latest requirements of ASHRAE, IECC and Title 24 energy codes
- Simple and flexible deployment -- installations reduce material and labor cost by using a single Cat5e/6 connection for power and communication
- Enhanced energy savings -- implementing advanced energy management tools, automation access and open Application Programming Interface (API) drives scalable and aggressive control strategies across building environments

Applications:

- Exterior and Parking (Indoor)

MOD™x 4L LED Recessed Slot

The MOD™ 4L LED Recessed Slot (4L-R-D) is part of the MODx family, which is an affordably-priced, full-featured offering with best-in-class attention to detail.

LITECONTROL making light work™

Features:

- End cap design eliminates visible diffuser seams/gaps
- 2 SDCM color variation
- Available on Litespeed 10-Day Quick Ship program in select configurations
- SpectraSync™ Color Tuning Technology available
- NX Distributed Intelligence™ wired and wireless controls capability available

Applications:

- Common Areas and Public Spaces

Inde-Pendant Series

The combination of both Ring and Cylinder Pendant is an inspirational statement piece—a complete package with performance versatility.

LITECONTROL making light work™

Features:

- Variable Intensity Technology provides independently adjustable uplight and downlight levels
- The ring is extruded aluminum, providing a minimalistic form factor to house an internal flexible LED source
- Powered Suspension System (POAC) provides power for class 2 luminaires without the need of secondary power cord for a clean, elegant look
- Recessed J-Box with die cast aluminum canopy interface
- PowerHUBB™ PoE Lighting and Control options available

Applications:

- Common Areas and Public Spaces

LITEISTRY Family

The LITEISTRY™ family offers a broad palette of architectural downlighting solutions with consistent aperture appearance, quiet ceiling design, and optical performance. Create spaces with the confidence that LITEISTRY™ will complement your vision to transform every architectural space into a masterpiece.

prescolite

LITEISTRY

Features:

- Available in downlight, adjustable, wall wash and cylinder solutions
- Delivers a unified family appearance across 3 aperture sizes and 2 shapes
- 50° visual cutoff to source and source image to maintain the focus on the space - not the ceiling
- Available in a variety of beam distributions, dimming protocols, and housing configurations
- SpectraSync™ Color Tuning Technology and PowerHUBB™ PoE Lighting and Control options available

Applications:

- Common and Public Spaces

Tamper-Resistant Receptacles

The standard in electrical safety, Hubbell Tamper-Resistant (TR) Receptacles feature an innovative spring-loaded shutter mechanism that allows plugs to enter while resisting access by single-pronged items like keys, hairpins or nails. Required by the NEC® in dwelling units, pediatric areas and in many public spaces, Hubbell TR Receptacles offer reliable, automatic and constant protection. They are available in several styles and colors to blend seamlessly into the décor, including standard duplex, Decorator style and single receptacles.

HUBBELL Wiring Device-Kellems

15A and 20A Tamper-Resistant Receptacles

Description	Color	15A 125V	20A 125V
Duplex, smooth nylon face.	Ivory	**BR15ITR**	**BR20ITR**
	White	**BR15WHITR**	**BR20WHITR**
Decorator, smooth nylon face.	Ivory	**DR15ITR**	**DR20ITR**
	White	**DR15WHITR**	**DR20WHITR**
Decorator, pre-wired receptacles; smooth nylon face; self-grounding; 8" stranded wire leads.	Ivory	**DR15ITRP2**	**DR20ITRP2**
	White	**DR15WHITRP2**	**DR20WHITRP2**

Also available in Black, Brown, Gray and Light Almond.

USB Charger Receptacle

Hubbell's USB Charger Receptacle provides both USB and electrical power in a standard single gang electrical opening. Designed to provide more charging options for personal electronics, the USB ports are capable of charging two tablets simultaneously. The tamper-resistant Style Line® decorator outlets provide additional power for appliance use. Ideal for use in offices, medical labs, patient rooms, classrooms, etc.

HUBBELL Wiring Device-Kellems

USB Charger, Tamper-Resistant Duplex Receptacle

Description	Color	15A 125V AC	20A 125V AC
Two USB Type 2.0 Ports 5 Amp, 5 Volt DC, 15 or 20 Amp, 125 Volt AC Decorator Duplex	Black	**USB8200A5BK**	**USB8300ASBK**
	Gray	**USB8200ASGY**	**USB8300ASGY**
	Ivory	**USB8200ASI**	**USB8300ASI**
	Light Almond	**USB8200ASLA**	**USB8300ASLA**
	White	**USB8200ASW**	**USB8300ASW**

USB Charger, 4 Port Outlet

Description	15A 125V AC
Four USB Type 2.0 Ports 5 Amp, 5 Volt DC, Style Line® Decorator	**USB15X2BK**
	USB15X2GY
	USB15X21
	USB15X2LA
	USB15X2W

H-MOSS® Wireless Sensors and Controls

Hubbell's WL-Series Wireless Lighting Controls provide an easy way to save energy. Available in ceiling and wall sensors, these sensors use wireless communications to reduce wiring labor and materials and provide energy savings in retrofit applications or applications not conducive to running low-voltage wiring. They feature reliable Clear Connect wireless technology that operates in a restricted 434 MHz band, avoiding interference from other wireless devices. With a radio frequency (RF) range of 30 feet through walls and 60 feet for line-of-sight applications, Hubbell Wireless Occupancy Sensors feature enhanced digital signal processing to reliably separate signals from external noise and passive infrared technology for enhanced minor motion sensitivity.

HUBBELL Wiring Device-Kellems

Wireless Occupancy Sensors

Description	Color	Catalog No.
Wall mount 180° - 3000 ft²	White	**WLP3000W**
Corner mount 90° - 2500 ft²	White	**WLP2500W**
Hallway mount - up to 150 linear ft	White	**WLP150H**
Ceiling mount 360° - 324-676 ft²	White	**WLP450C**

Wireless Controls

Description	Color	Catalog No.
8A Lighting, 3A Fan (1/10 HP motor, 120V only), Spec Grade	Ivory	**WLS1278I**
Electronic Switch 120–277V, NO NEUTRAL WIRE REQUIRED	White	**WLS1278W**

Emergency Tower Communication Station

GAI-TRONICS' RED ALERT Tower provides a complete emergency communications station (RED ALERT tower, telephone, and LED strobe all sold separately). The tower is powder-coated with an epoxy finish to withstand harsh environments. The tower stands over nine feet tall with large EMERGENCY graphics on all four sides.

GAI-TRONICS

Model #398-001
Emergency Telephone

Model #234
RED ALERT Tower

Model #540-001
LED Strobe

Features:

- RED ALERT Tower, architectural bronze, and safety blue standard colors (model #234)
- RED ALERT Emergency Telephone, help, autodial push button, call push button with keypad (model # 398-001)
- LED blue strobe with constant-on feature (model #540-001)

Applications:

- Exterior and Parking Structure

HUBBCOM™ Remote

The HUBBCOM Remote IP device is featured as a door or gate entry device, providing the convenience of card entry with the ability to connect to a live attendant for entry. In addition as a remote monitoring station, HUBBCOM Remote provides clear video from its HD, ONVIF-compatible camera and audio from a built-in microphone.

GAI-TRONICS

Features:

- Point-to-point serverless audio and one-way video
- SIP telephone access
- Card access control (RFID or NFC)
- Vertical wide-angle HD camera
- Integral 2W speaker

Applications:

- Exterior and Parking Structure

Data Jacks

Hubbell's category-rated modular Jacks deliver cutting-edge performance for today's IP-based voice, data, audio and video applications. From the latest Ethernet protocols like 10 Gig, to Power over Ethernet, VoIP and video, there's no application that Hubbell jacks can't handle. With the QuickLace termination process and 1-Punch tool, these jacks also deliver the fastest termination in the industry.

Available in Category 6A, Category 6 and Category 5e performance, Hubbell data jacks easily install in a wide range of Hubbell plates, frames and surface mount boxes alongside modular AV connectors.

HUBBELL Hubbell Premise Wiring

Data Jacks

Color	Category 6A	Category 6	Category 5e
Black	**HJ6ABK**	**HXJ6BK**	**HXJ5EBK**
Blue	**HJ6AB**	**HXJ6B**	**HXJ5EB**
Electric Ivory	**HJ6AEI**	**HXJ6EI**	**HXJ5EEI**
Gold	**HJ6AGL25**	**HXJ6GL25**	**HXJ5EGL25**
Gray	**HJ6AGY**	**HXJ6GY**	**HXJ5EGY**
Green	**HJ6AGN**	**HXJ6GN**	**HXJ5EGN**

Color	Category 6A	Category 6	Category 5e
Office White	**HJ6AOW**	**HXJ6OW**	**HXJ5EOW**
Orange	**HJ6AOR**	**HXJ6OR**	**HXJ5EOR**
Purple	**HJ6AP25**	**HXJ6P25**	**HXJ5EP25**
Red	**HJ6AR**	**HXJ6R**	**HXJ5ER**
White	**HJ6AW**	**HXJ6W**	**HXJ5EW**
Yellow	**HJ6AY**	**HXJ6Y**	**HXJ5EY**

Note: Gold and Purple available as 25-pack only

Recessed AV In-Wall Enclosure (FPTV)

Hubbell's netSELECT Rat Panel Television (FPTV) Connection Enclosure delivers high-density AV, data and power for today's flat-panel monitors and interactive whiteboards to sit flush against the wall. Available in a white powder coat finish that blends into the wall, the FPTV Enclosure is constructed of rugged 18-gauge cold rolled steel. It features mounting locations for deploying a variety of AV connectors and accommodating large bend radiuses associated with current cable types including HDMI, DVI, RG6/UQ and VGA.

Hubbell Premise Wiring

Recessed AV In-Wall Enclosure (FPTV)

FPTV Connection Enclosure	Catalog Number
2-gang in-wall enclosure, White	**NSAV62M**
Steel cover for NSAV6 series, White	**NSAV6C**

Unloaded 1-Gang Plates and Frames	Catalog Number
iSTATION plate, White	**IMF1W**
4-port keystone plate, White	**NSP14W**

Power Kit	Catalog Number
Surge protected power kit, Blue	**NSOKPS**

Hubbell SystemOne Furniture Feed Poke-Throughs

Hubbell's innovative System One Delivery System includes flush furniture feed fire-rated poke through devices that are ideal for delivering power and data to furniture systems in today's computer lab settings. Able to feed up to a 2-inch conduit and accommodate up to 36 Category 5e network cables, the System One Furniture Feed Poke-Through delivers whatever combination of power, data and audio/video connections are required for educational facilities to keep pace with technology.

Wiring Device-Kellems

SystemOne Furniture Feed Poke-Throughs

Description	Color	Catalog Number without Junction Box	Catalog Number with Junction Box*
One-Piece Furniture Feed Poke-Through Assembled-unit includes: • Hubbell SystemOne AV floor fitting (S1PTAVFIT) • Hubbell SystemOne Furniture Feed Cover Plate (S1SPFFxx) • 4-hour fire classification	Aluminum Finish	**S1PTFFAL**	**S1PTFFALJ**
	Brass Finish	**S1PTFFBRS**	**S1PTFFBRSJ**
	Black	**S1PTFFBL**	**S1PTFFBLJ**
This solution provides one ¾ in. conduit for power and one ½ in. conduit for low-voltage. Furnished with two screw-in flexible metal conduit connectors.	Gray	**S1PTFFGY**	**S1PTFFGYJ**

**Junction box factory installed on through floor fitting*

NEMA 1 Hinged-Cover

Designed for use as control enclosures and instrument cases in areas not required oil-tight and dust-tight specifications.

WIEGMANN

Features:

- Bodies and doors fabricated from 14 gauge steel
- Continuous hinged covers.
- Mounting holes on back of cabinet
- Grounding provisions provided
- Doors furnished standard with flushmount quarter-turn style latch
- Weldnuts provided for mounting optional back panel

Applications:

- Security (Interior)

Entrance Room

Lighting & Lighting Controls

NX Area Controller

The NX Area Controller allows any PC with an Internet Explorer® compatible browser to interface with the NX Distributed Intelligence™ Lighting Control Platform through a built-in web server.

The Controller connects to the HubbNET™ network providing communication with the NX Lighting Control Panels, NX Room Controllers, NX SmartPORT™ Modules and other wired NX system components. The NX Wireless Access Point additionally extends connectivity to NX Wireless Room Controllers, and fixture modules.

HUBBELL Control Solutions

Features:

- No software required—built-in web server provides connection via any Internet Explorer compatible browser
- Graphical User Interface (GUI) makes programming both intuitive and simple
- Local or remote access via the local network or Internet
- Connect to multiple users at once

Applications:

- Security (Interior)
- Entrance Rooms
- Telecommunications Room
- Network Operations Centers Common Areas and Public Spaces
- Corridors and Stairwells
- Offices and Meeting Rooms

Wiring Devices

inSIGHT™ Data Monitoring Systems

Hubbell's line of intelligent Data Monitoring devices provide data directly at the point of use for analytics while helping to predict potential process changes. Important power and environmental data provided ranges from revenue grade billable metering, voltage, power, and internal device temperature.

Wiring Device-Kellems

inSIGHT™ Data Monitoring Systems:

Catalog Number	Description
HBL460C9WDMUS1	Data Monitoring, Heavy Duty Products, IEC Pin and Sleeve Devices, Industrial Grade, Female Connector Body, 60A 3-Phase Delta 250V AC, 3-Pole 4-Wire Grounding, Terminal Screws, Blue, Watertight
HBLGW0400MLUS1	Gateway,30 Node, MODBUS TCPIP, US1

Wiring Devices

SpikeShield - Service Branch Panels

The SpikeShield® line of panel surge protective devices offers a broad selection of products to meet the many requirements of industrial, commercial, institutional and residential applications. Hubbell offers a complete offering of high quality, cost effective panel surge products.

Features:

- Model HBL4P320B: 320KA Peak Capacity, 120/208V AC
- Model HBL8P320B: 320KA Peak Capacity, 277/480V AC
- Both surge detection units feature 4-Pole, 5-Wire grounding, bus bar construction, bolt down modules, surge counter and a metallic NEMA 1 enclosure
- UL1449 fourth edition listed

Applications:

- Entrance Room

Entrance Room

Telecommunications Room

NX Area Controller

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PowerHUBB™ PoE Lighting & Control

Hubbell Control Solutions' PowerHUBB™ platform provides building owners and lighting practitioners with a fully integrated, end-to-end, intelligent PoE network leveraging the Internet of Things (IoT) to future-proof buildings through a highly scalable, digital ceiling platform. Contact us to learn how PowerHUBB's enterprise technology can deliver a clear path for cost-effective smart building deployments and ROI for your applications.

HUBBELL Control Solutions

Features:

- Actionable intelligence -- scales from basic lighting control to advanced cloud based analytics
- Code compliance made easy -- delivers a system designed to meet the latest requirements of ASHRAE, IECC and Title 24 energy codes
- Simple and flexible deployment -- installations reduce material and labor cost by using a single Cat5e/6 connection for power and communication
- Enhanced energy savings -- implementing advanced energy management tools, automation access and open Application Programming Interface (API) drives scalable and aggressive control strategies across building environments

Applications:

- Exterior and Parking (Indoor)

Wiring Devices

Twist-Lock Devices

Hubbell Insulgrip® plugs and connectors continue our long-standing tradition of leadership as well as innovative design. The tough nylon body provides protection whether it's frequent use, repeated impact, temperature changes, and damp conditions. The durable and powerful offsetting cord grip clamps on individual conductors and outer cord jackets prevent strain on the terminals. It's these and many other features that set Hubbell performance above all others.

HUBBELL Wiring Device-Kellems

Features:

- Industrial, flush receptacle, 30A 3-Phase Delta 480V AC, 3-Pole 4-wire grounding, L16-30R, screw terminal, black
- High-impact, abuse-resistant nylon face
- Wire restraint recess for both back and side wiring, greatly reduces the possibility of loosening the terminal connection
- Face color coding by voltage facilitates locating and mating of proper devices
- All-brass mounting and grounding system provides a lower resistance ground path and greater resistance to corrosion than steel mounting systems

Applications:

- Telecommunications Room

Grounding & Bonding

Compression Tap Connectors

Burndy® Compression Tap Connectors are used for routing power or voltage drop applications.

Color code system matches installation die color coding. Clear cover is used to allow for visual inspection after installation. Accommodates greater wire range with a single connector. Some designs accommodate more than one tap connection. Can be used for voltage drop applications.

BURNDY

Features:

- Copper wire connector
- Accommodates Copper Code Class B (Concentric, Compressed, Compact) or Class C wire and copper flex. See product details for specific wire classes.
- Electro-tin Plated for added corrosion resistance.
- Color coded markings
- Comes with clear cover
- UL Listed *with Burndy Engineered System
- CSA Certified to C22.2

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Modular or Prefab Data Centers
- Power/Renewable Energy

Compression Terminal Connectors

Burndy® Compression Terminal Connectors are used for terminating power.

Inspection window allows for full wire insertion examination. Two hold mounting pad provides extra fastening strength. Long barrel with additional crimps allows for stronger mechanical connection strength. Color code system matches installation die color coding. Barrel ink bands identify the crimp zone and approximate crimp locations.

BURNDY

Features:

- Copper wire connectors
- Two hole mounting pad
- Electro-tin plated
- Clear markings on pad and barrel
- Accommodates Copper Code Class B (Concentric, Compressed, Compact) or Class C wire and copper flex

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Modular or Prefab Data Centers
- Power/Renewable Energy

Fence Post Connectors

Burndy® mechanical grounding connectors for fence posts and fence mesh. Easy, fast installation for all grounding and bonding applications.

BURNDY

Features:

- Range taking
- No special tooling required
- Secure connections using bolts or other hardware
- Meets UL467 for Ground and Bonding applications

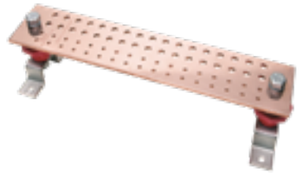
Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms)
- Exterior and Parking (Outdoor)
- Power/Renewable Energy

Bus Bars

Ideal as a common grounding point in a data center, the UL Listed BURNDY® bus bar is available in a 12-inch and 24-inch undrilled model, which can be custom made in the field. In addition, two bus bars have been specifically designed to be mounted either vertically or horizontally to an equipment rack used to support computer equipment.

BURNDY



Features:

- Bare copper busbar
- UL Listed for grounding
- Available In various sizes and hole patterns
- Brackets and Insulators included with most styles
- May be used as a common ground point and power applications

Applications:

- Data Center Operations

Penetrox Oxide Inhibitor

All Penetrox compounds contain homogeneously suspended metal particles. These suspended metal particles assist in penetrating thin oxide films, act as electrical “bridges” between conductor strands, aid in gripping the conductor, improve electrical conductivity and enhance the integrity of the connection.

BURNDY

Features:

- Produces low initial contact resistance
- Seals out air and moisture
- Prevents oxidation or corrosion
- Exhibitx superior weathering characteristics
- Usable over wide temperature ranges
- Provides a high conductivity “gastight” joint

Applications:

- Data Center Operations (Computer Room)
- Telecommunications Room
- Electrical and Mechanical Areas
- Power/Renewable Energy

HYGROUND® YG-B Series Bus Bar Connector

This connector allows a ground conductor to be easily attached to busbar or steel with thickness of 1/8" to 1/4" and a wire range of 1/0 to 4/0.

BURNDY

Features:

- Uses 1 or 2 conductors for power, grounding and bonding applictions
- UL486 And UL467 Listed
- Suitable for direct burial

Applications:

- Data Center Operations (Computer Room)

CT Series Cable Ties

Burndy® UNIRAP™ cable ties are fabricated of one piece nylon with parts. The straps are tough, resilient, lightweight and abrasion resistant. They offer high tensile strength and are chemically resistive to solvents, alkalides, oils, grease and diluted acids. Self-locking, the secure without twisting or leaving sharp projections.

Organizes wires in all areas of buildings within the walls, ceilings, desk areas, sanitized areas and clean rooms.

BURNDY

Features:

- Nylon 6/6 and nylon 12 cable ties
- Styles include releasable, identification and screw mount
- Bundle diameter range of .06" to 12"
- Tensile strength from 18 lbs. to 250 lbs.

Applications:

- Data Center Telecommunications Room
- Data Center Operations (Computer Rooms)
- Electrical and Mechanical Areas
- Modular or Prefab Data Centers
- Power/Renewable Energy

CTSS Series Cable Ties

Burndy® 304 Stainless Steel ties are designed to secure hoses, cables, poles, pipes, and more when harsh environmental conditions may adversely affect the bundling application. Used where corrosion, vibration, weathering, radiation, and temperature extremes are a concern. Burndy® Stainless Steel ties can be used in virtually any indoor, outdoor, and underground application.

BURNDY

Features:

- 304 Grade Stainless Steel
- Meet the requirements of ABS
- Low profile clamping bearing head with fully adjustable strap accommodates many bundle diameters
- Smooth, rounded edges help ensure safe, efficient handling
- Self-locking steel ball design speeds installation and locks into place at any length
- Provides a strong durable method of cable bundling
- Flame retardant and non-toxic for applications where safety from fire is critical

Applications:

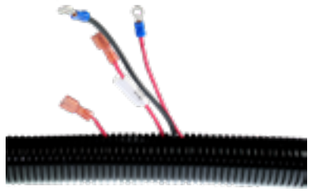
- Telecommunications Room
- Data Center Operations (Computer Rooms)
- Electrical and Mechanical Areas
- Modular or Prefab Data Centers
- Power/Renewable Energy

Split Loom Tubing

Burndy® split loom is for applications where braided tubing or spiral wrap may be difficult to install. Tubing provides full coverage. In harsh applications, the tubing provides resistance to crushing, impact, and abrasion.

Tubing offers excellent protection against automotive fluids, vibration wear, water, snow, ice and the effects of heat, cold, and sunlight on cables and wires.

BURNDY



Features:

- Polyethylene tube construction
- Protection against heat, cold, water, ice and vibration wear
- Protection against crushing, impact and abrasion

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms)
- Electrical and Mechanical Areas

Heat Shrink

Burndy® thin wall and heavy duty heat shrink used in indoor and outdoor applications protects wires and connections for terminals, taps and splice connectors.

BURNDY

Features:

- Cross linked polyolefin construction
- Protects from environments and abrasion
- Used in indoor and outdoor applications
- Clear heat shrink provides inspection of electrical connection, termination or splice
- Standard heat shrink for color coding
- Forms a moisture-proof seal

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms)
- Modular or Prefab Data Centers

Basket Tray Accessories (Vertical Down and Radius Down)

Hubbell's Wire Basket Cable Tray Systems provide superior cable management and protection for electrical power or data communications cabling. The systems are field adaptable and easily installed overhead, on walls or under floors using various brackets and supports.

Layouts, installations, and changes are quickly and easily configured to requirements with wire cutting tools. Basket tray installs faster than conduit systems and offers more flexibility and capacity.

HUBBELL
Hubbell Premise Wiring

Features:

- Shaped (flat) cross wire design
- Ideal for CAT6A cabling
- Flat shaped profile reduces stress points that may degrade performance
- Unique design (patent pending)
- Uses the same hardware and supports used for round wire tray
- UL Classified and cUL Classified as equipment grounding conductor

Applications:

- Telecommunications Room
- Network Operations Centers
- Data Center Operations (Computer Room)

NEXTFRAME® Ladder Tray

Hubbell's NEXTFRAME® ladder tray is an effective cable runway that supports and delivers bundles of copper and fiber cables between cabinets, racks and closets, along walls and suspended from ceilings.

This lightweight system features rugged, tubular steel construction that provides the mechanical support, strain relief and smooth gradual bend needed to protect cables and maintain their performance.

Hubbell Premise Wiring

Features:

- HLS Ladder Tray is a modular system that is easily configured for all unique installations
- Ladder tray sections universally work with all ladder tray accessories
- HLS Ladder feature rung spacing every 9" to support and relieve cable stress
- Durable black or gray powder coat finish

Applications:

- Telecommunications Room
- Data Center Operations (Computer Room)

Ladder Tray -- Installation (Ladder Bonding Jumper Kits and Brackets)

HGRKTD9D, Grounding and Bonding Kit

Hubbell Premise Wiring

Features:

- 6AWG copper wire green insulated
- Long barrel lug(s) with inspection window
- Stainless steel mounting hardware
- 0.5oz tube of antioxidant
- Caution and GND labels

Applications:

- Telecommunications Room
- Data Center Operations (Computer Room)

Dome Closure 790 Isolated Ground (IG) Wide Tray Holder

Hubbell fiber splice closures are designed by former splice technicians with flexibility and ease of workmanship in mind. All splice closures are sold fully assembled to reduce labor costs, splicing time, and chances of craft error. With over 30 years of splicing product design and manufacturing experience, and proven field performance, Hubbell closures are the ideal choice for your fiber networks.

HUBBELL Power Systems, Inc.

Features:

- Series 790 Isolated Ground End Plate:
- 8 Isolated Ground Ports
- 4 Backbone ports accept cable up to 1.250” OD
- 4 Lateral ports accept up to 0.875” OD
- Connect or disconnect armor grounds on outside of the closure
- Water tight compression connector seals around ground wires

Applications:

- Telecommunications Room

Wire Basket Tray

Hubbell’s wire basket cable tray systems provide superior cable management and protection for electrical power or data communications cabling. The systems are field adaptable and easily installed overhead, on walls, or under floors using various available brackets and supports.

Wiring Device-Kellems

Features:

- T-weld edge on top wire protects both the installer and cable from sharp points
- 5mm diameter wire provides outstanding load capacity
- 100% domestic recycled steel
- Buy American Compliant/ U.S.
- Government Procurement-Eligible
- Ideal for CAT6A cabling
- Flat shaped profile reduces stress points that may degrade performance
- Unique design (patent pending)

Applications:

- Telecommunications Room
- Network Operations Centers
- Data Center Operations (Computer Room and Server Areas)

NEXTFRAME Equipment Relay Racks

NEXTFRAME® 2-post Equipment Racks are available with depths of 3" and 6". The racks are used in typical cross connect and data center applications to house patch panels, cable organizers, switches, and other network equipment. When used in conjunction with NEXTFRAME cable management accessories, these racks provide a solution for handling, routing, and organizing cable and optical fiber.

Hubbell Premise Wiring

Features:

- Material: 6063-T2 aluminum rugged construction
- Finish: durable black powder coat or mill finish
- Weight capacity: 1,000lb when secured to floor
- Floor mount racks support 19" EIA-310-D and CEA-310-E rack-mount equipment
- UL Listed – 7N69 Communications Circuit Accessory

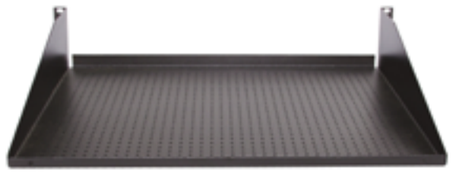
Applications:

- Telecommunications Room
- Data Center Operations (Computer Room and Server Areas)

Shelf

NEXTFRAME® Cantilevered Equipment Shelf

Hubbell Premise Wiring



Features:

- Powder coated steel construction
- Measures 3.5" H x 17" W (19" Rack Mount) x 11" D

Applications:

- Telecommunications Room
- Data Center Operations (Computer Room and Server Areas)

DURIUM Hardware

Hardware used in connectors must be compatible with the connector material, have high mechanical strength and be corrosion resistant and correspond to NEMA recommendations.

Copper alloy connectors have hardware made of DURIUM™, Burndy's trade name for silicon bronze alloy ASTMB99 type B. This material was first introduced by Burndy in 1927 for use in outdoor construction, and today, is the standard throughout the industry.

BURNDY

thermOweld Cathodic Protection:

Type	Description
CHENBOX DURIUM™ Nuts Silicon Bronze	DURIUM™ hexagon regular nuts are nonmagnetic and are made to American Standard dimensions. American National Coarse Series threads. #2 fit.
TMH DURIUM Silicon Bronze Hardware Kits	Type TMH DURIUM silicon bronze material provides long lasting corrosion resistance Grade 2. Kits can be ordered for specific applications ensuring the proper type and amount of hardware for each installation. Packaging in convenient separate sealed bags eliminates mismatched quantities.
FWBOX DURIUM Flat Washers Silicon Bronze	High strength DURIUM Flat Washers are nonmagnetic and free from galvanic action when in contact with copper. Conforms to SAE standards.
SWBOX DURIUM Split Washers Silicon Bronze	The DURIUM™ spring type lockwashers have high resiliency and exert constant pressure on the face of the nut -- preventing vibration from loosening the nut.
NWBOX DURIUM Internal Tooth Lockwashers Silicon Bronze	DURIUM™ Internal Tooth Lockwasher teeth are twisted slightly and present biting edges which grip the nut and the part being clamped -- preventing the nut from backing off.

Network Operations Center

LED Contemporary Architectural Troffer (LCAT)

LCAT LED Contemporary Architectural Troffer provides both design and value with an architectural appearance, LED technology to reduce maintenance and a full family including 2'x4', 2'x2', 1'x4' and 1'x2' sizes. High efficiency acrylic center lens features linear prisms for superior performance without LED pixelation.

Columbia LIGHTING

Features:

- High performance reflector with matte white paint standard
- Lightweight housing and electrical components fully accessible from below the ceiling for easy installation and maintenance
- 60,000 hour LEDs at L80 (up to 150,000 projected life) for reduced maintenance
- Surface and cable mount options available
- Controls compatible with NX Distributed Intelligence™ and SpectraSync™ Color Tuning Technology
- DLC® (DesignLights Consortium) Qualified, with some Premium Qualified configurations

Applications:

- Data Center Operations (Computer Room)
- Corridor and Stairwell

CFP Edge-Lit Flat Panel

The CFP offers edge-lit LED technology in a sleek, modern, flat panel design. Light classrooms, offices, medical facilities, cleanrooms and general public spaces using edge-to-edge illumination, without pixelation or bright spots. Switchable Lumen technology creates built-in versatility; choose between three configuration options for the right output with one easy switch.

Columbia LIGHTING

Features:

- Switchable Lumen technology: 5500/4100/3400 lumens (1x4, 2x4) 4000/3300/2800 lumens (2x2)
- 80 CRI
- 0-10V dimming to 10%
- Recessed, surface or cable mount
- Universal voltage (120-277V)
- IC rated
- Suitable for ISO Class 5-9 positive pressure cleanrooms
- DLC® (DesignLights Consortium) Qualified, with some premium qualified configurations - see www.designlights.org

Applications:

- Network Operations Centers
- Data Center Operations (Computer Room, Server Areas and UPS Areas)

CBT Back-Lit Troffer

The CBT is an affordable LED lensed troffer with smooth, even illumination. With its LED energy saving technology, CBT is perfect for offices, classrooms and many other applications. Switchable Lumen technology creates built-in versatility; choose between three configuration options for the right output with one easy switch.

Columbia LIGHTING

Features:

- Switchable Lumen technology: 4400/3300/2750 lumens (1x4 and 2x2) 5500/4400/3300 lumens (2x4)
- 80 CRI
- 0–10V dimming to 10%
- Recessed or surface mount
- Universal voltage (120–277V)
- IC rated
- Smooth even illumination across the face of the luminaire
- Acrylic micro-optics over each LED provide edge-to-edge illumination
- DLC® (DesignLights Consortium) Qualified. Please refer to DLC website for specific product qualification at www.designlights.org

Applications:

- Office and Meeting Spaces

CRW Round Wrap

The CRW is a versatile LED round wrap with decorative end caps and features field Switchable Lumen & CCT technology.

Columbia LIGHTING

Features:

- Switchable Lumen technology: 3900/4800/5500 lumens
- Switchable CCT technology: 3500/4000/5000K
- Up to 153 lumens per watt
- 80 CRI
- 0-10V dimming to 10%
- Universal voltage (120-277V)
- Acrylic lens for superior efficiency resistance to UV aging
- Magnetic endcaps to eliminate light leaks
- Fully assembled for quick installation

Applications:

- Office and Meeting Spaces

NX Area Controller

The NX Area Controller allows any PC with an Internet Explorer® compatible browser to interface with the NX Distributed Intelligence™ Lighting Control Platform through a built-in web server.

The Controller connects to the HubbNET™ network providing communication with the NX Lighting Control Panels, NX Room Controllers, NX SmartPORT™ Modules and other wired NX system components. The NX Wireless Access Point additionally extends connectivity to NX Wireless Room Controllers, and fixture modules.

HUBBELL Control Solutions

Features:

- No software required—built-in web server provides connection via any Internet Explorer compatible browser
- Graphical User Interface (GUI) makes programming both intuitive and simple
- Local or remote access via the local network or Internet
- Connect to multiple users at once

Applications:

- Security (Interior)
- Entrance Rooms
- Telecommunications Room
- Network Operations Centers Common Areas and Public Spaces
- Corridors and Stairwells
- Offices and Meeting Rooms

PowerHUBB™ PoE Lighting & Control

Hubbell Control Solutions' PowerHUBB™ platform provides building owners and lighting practitioners with a fully integrated, end-to-end, intelligent PoE network leveraging the Internet of Things (IoT) to future-proof buildings through a highly scalable, digital ceiling platform. Contact us to learn how PowerHUBB's enterprise technology can deliver a clear path for cost-effective smart building deployments and ROI for your applications.

HUBBELL Control Solutions

Features:

- Actionable intelligence -- scales from basic lighting control to advanced cloud based analytics
- Code compliance made easy -- delivers a system designed to meet the latest requirements of ASHRAE, IECC and Title 24 energy codes
- Simple and flexible deployment -- installations reduce material and labor cost by using a single Cat5e/6 connection for power and communication
- Enhanced energy savings -- implementing advanced energy management tools, automation access and open Application Programming Interface (API) drives scalable and aggressive control strategies across building environments

Applications:

- Exterior and Parking (Indoor)

LSN D Series

The LSN D Series central lighting inverter provides a centralized solution to emergency lighting and power back-up with a wide array of options designed to minimize maintenance requirements and optimize emergency lighting performance. Designed for indoor installation in commercial or industrial applications for use with LED, fluorescent, compact fluorescent, incandescent and HID lamp loads up to 17.5kVA/kW.

Features:

- Uninterruptible emergency AC power system
- No break design transfers the load instantaneously when normal power is interrupted
- 90 minute emergency operation supplied standard
- Single-phase
- Input Voltage: 120VAC, 208VAC, 240VAC, 277VAC or 347VAC
- Output Voltage: 120VAC, 240VAC, 120/208VAC, 120/240VAC, 120/277VAC, 277 VAC or 347VAC
- Sizes available from 1.0 KVA/KW through 17.5 KVA/KW

Applications:

- Network Operations Centers
- Data Center Operations (Computer Room, Server Areas and UPS Areas)

SNAPConnect® USB Charger Receptacle

Installed in just 3-5 seconds, the SNAPConnect® USB Charger provides USB power in a standard single gang electrical opening.
Multiple the time savings several hundred receptacles in a new building and calculate installation of a new building in a fraction of the time compared to other receptables on the market.

Features:

- Two USB ports, 5V DC, Type A and/or C, class 2.0
- Tamper-Resistant decorator duplex receptacle
- cULus listed to UL498 and UL1310
- LED ON to indicate USB and line voltage power available

Applications:

- Network Operations Centers
- Modular or Prefab Areas
- Office and Meeting Spaces

Combination Wireless Wall Mount Charger & USB Outlet

Hubbell's Qi certified wireless chargers deliver a new convenience: you no longer have to deal with cords or poor connections while charging your devices. Designed to be aesthetically pleasing and durable, this device will organize your workplace or home, seamlessly transforming any ordinary space or counter into a organized, accessible "drop zone" to charge multiple devices at once.

Features:

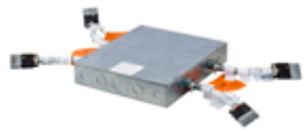
- Qi certified
- Easy single gang installation
- Two inductive coils for optimum target area
- 7.5W capacity wireless output
- LED indication: green for power, blue when charging
- cULus listed and FCC listed

Applications:

- Network Operations Centers
- Office and Meeting Spaces

Connexion Zone Distribution System Zone Distribution Box

The Hubbell CONNEXION 2.0 Zone Distribution System is a factory assembled, flexible, modular plug-n-play system that delivers power in raised floor installations. The system increases the value of the infrastructure and meets the challenges posed by new construction and renovation projects.
By improving cable management, enhancing flexibility, and reducing administration expense, the CONNEXION 2.0 Zone Distribution System allows power needs to be addressed in a timely and effective manner.



Features:

- Custom engineered and wired to project specifications
- Electrical access point for building occupants
- Available in 2, 4 or 10 gang capacity with varying depths
- Black, brass, nickel, bronze or aluminum finishes
- The connectorized input whip allows for quick installtion in minutes and relocated for future moves or expansions

Applications:

- Network Operations Center

Connexion Zone Distribution System Extender Cable

Extender cables run from the zone distribution box or splitter module to the pre-wired floor box. The connectorized ends allow for simple installation and future layout flexibility. Additionally, the male/female connector heads of the extender cables allows for extension without the use of a splitter module, if required.

Features:

- 3/3/2
- Male to Female
- 12AWG
- 10' Length

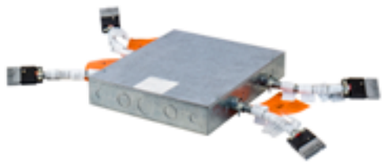
Applications:

- Network Operations Center

Connexion Zone Distribution System Furniture Feed

Zone distribution Boxes are the core of the Connexion 2.0 system. They serve as the main interface between the conventionally connected electrical system and the labor saving Connexion 2.0 system.

With a large array of knock outs, the Boxes accept most conduit sizes when run from the circuit breaker panel. Boxes accept labor-saving Homerun cables as part of the Connexion 2.0 system.



Features:

- 1 Whip
- 3-Circuit
- Pig Tails In
- 3 inch depth allows Boxes fit in many raised flooring systems
- Custom configurations available

Applications:

- Network Operations Center

Connexion Zone Distribution System Pre-Wired Raised Access Floor Box

Custom engineered and wired to project specifications, the floor box is the electrical access point for building occupants. The connectorized input whip allows the boxes to be installed in minutes and relocated for future moves or expansions.

Features:

- 2-gang, 2 ½ in. depth
- 180° cover opening
- Two large fold-under cable egress doors
- Die cast aluminum construction
- ADA compliant
- Five architectural powder coat finishes

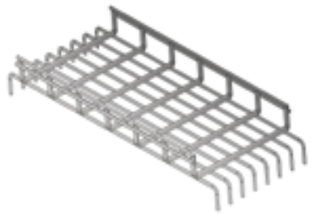
Applications:

- Network Operations Center

Under-Floor Wire Basket Tray

Hubbell's wire basket system meets specific requirements for commercial controlled interior environments and data centers. Wire basket systems help save labor and minimize waste, while reducing impact to the environment.

The raised access floor system ships as a complete unit, eliminating the need to locate and assemble components. Hubbell wire basket systems are available in overhead and raised floor applications.



Features:

- T-weld construction prevents snags
- 5mm round wire on smaller sizes
- High load rating
- 100% recycled steel
- Use factory support hardware or fabricate supports on the job site
- 2" x 4" mesh opening
- Painted tray includes factory installed masking to assure proper grounding at splices; no need to remove paint during installation

Applications:

- Network Operations Centers
- Data Center Operations (Computer Room, Server Areas)

Basket Tray Accessories (Vertical Down and Radius Down)

Hubbell's Wire Basket Cable Tray Systems provide superior cable management and protection for electrical power or data communications cabling. The systems are field adaptable and easily installed overhead, on walls or under floors using various brackets and supports.

Layouts, installations, and changes are quickly and easily configured to requirements with wire cutting tools. Basket tray installs faster than conduit systems and offers more flexibility and capacity.

Hubbell Premise Wiring

Features:

- Shaped (flat) cross wire design
- Ideal for CAT6A cabling
- Flat shaped profile reduces stress points that may degrade performance
- Unique design (patent pending)
- Uses the same hardware and supports used for round wire tray
- UL Classified and cUL Classified as equipment grounding conductor

Applications:

- Telecommunications Room
- Network Operations Centers
- Data Center Operations (Computer Room)

Wire Basket Tray

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Wiring Device-Kellems

Features:

- T-weld edge on top wire protects both the installer and cable from sharp points
- 5mm diameter wire provides outstanding load capacity
- 100% domestic recycled steel
- Buy American Compliant/ U.S.
- Government Procurement-Eligible
- Ideal for CAT6A cabling
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- Unique design (patent pending)

Applications:

- Telecommunications Room
- Network Operations Centers
- Data Center Operations (Computer Room and Server Areas)

Recessed AV In-Wall Enclosure (FPTV)

Hubbell's netSELECT Rat Panel Television (FPTV) Connection Enclosure delivers high-density AV, data and power for today's flat-panel monitors and interactive whiteboards to sit flush against the wall. Available in a white powder coat finish that blends into the wall, the FPTV Enclosure is constructed of rugged 18-gauge cold rolled steel. It features mounting locations for deploying a variety of AV connectors and accommodating large bend radiuses associated with current cable types including HDMI, DVI, RG6/UQ and VGA.

Hubbell Premise Wiring

Recessed AV In-Wall Enclosure (FPTV)

FPTV Connection Enclosure	Catalog Number
2-gang in-wall enclosure, White	**NSAV62M**
Steel cover for NSAV6 series, White	**NSAV6C**

Unloaded 1-Gang Plates and Frames	Catalog Number
iSTATION plate, White	**IMF1W**
4-port keystone plate, White	**NSP14W**

Power Kit	Catalog Number
Surge protected power kit, Blue	**NSOKPS**

Computer Room (Overhead)

Basket Tray Accessories (Vertical Down and Radius Down)

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Applications:

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- Flat shaped profile reduces stress points that may degrade performance
- Unique design (patent pending)

Applications:

- Telecommunications Room
- Network Operations Centers
- Data Center Operations (Computer Room and Server Areas)

NEMA 1 Screw-Cover Wireway

Designed to protect electrical wiring in applications where dirt, dust, oil and water are not serious problems. All sections are open on one side so wires and cable can be laid in along an entire wireway run. A complete selection of sections and fittings is offered in five sizes.

WIEGMANN

Features:

- Bodies and covers are fabricated from 14 gauge steel
- S Series screw cover design covers held firmly in place with captivated screw fasteners
- Straight sections with knockouts are provided on side walls on wireways

Applications:

- Computer Room

Cold Shrink Products

Burndy's Cold Shrink Products are a quick and reliable way to insulate connectors, add inspectability and save labor costs.

BURNDY

Cold Shrink Products:

Type	Description
	Burndy clear cold shrink tubing is a quick, reliable way to insulate connectors, add inspectability and save labor costs.
CCSC110600 **CCSC146600** **CCSC200600**	• Dielectric strength • Mechanical Protection • Abrasion Protection • Cable Insulation
	Burndy cold applied splice sealing products are made of specially formulated silicone rubber and offer excellent insulation and moisture proof sealing for in-line cable connector systems or elbow to cable jacket applications. The rubber sleeves are factory expanded and held over a removable, plastic rip core housing. Type CSJ also includes a mastic seal. Operating temperature range: -40°C to 105°C. Meets ANSI C119.1-1986.
CSB037800SR1 **CSB051900SR1** **CSB097900SR1** **CSB0971200SR1** **CSB125900SR1** **CSB163900SR1** **CSJ**	• Easy, safe installation • Suitable for a wide range of cable sizes • UV resistance, thermal stability • No special tools or training required • Forms a moisture proof seal • Superior, time-saving insulation technology • Indoor and outdoor applications

Ground Connectors

Burndy offers several types of raised floor grounding connectors, designed especially for the data center industry.

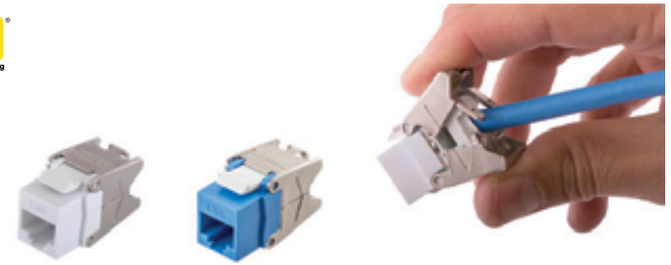
BURNDY

Connector Type	Description
GC-CT Cabletray Ground Clamp	Made of tin-plated cast copper alloy this clamp accommodates one or two conductors and copper or aluminum cable. Suitable for direct burial in concrete or earth.
GAR Parallel or 90° Copper Cable Connection to Rod or Pipe	High copper alloy ground connector to joins a range of cable at parallel or at right angles to rod or tube. Suitable for direct burial in concrete or earth.
BTCGC Ground Tray Clamp	Aluminum construction, suitable for outdoor applications. Can be used with most types of cable trays with inside or outside flanges. Accommodate a wide range of ground wire sizes.
GB, GBM Ground Connector Copper Cable to Bar	High copper alloy connector to join a range of cable to 1/4" thick bar with one-wrench installation. Type GB separates cable from bar, GBM clamps cable directly on bar surface. UL467 Listed. Suitable for direct burial in concrete or ground.
KS SERVIT® for Copper	Compact, high strength, high copper alloy SERVIT® split-bolt has free-running threads and easy to grip wrench flats. UL467 Listed for direct burial applications in earth or concrete.

NEXTSPEED Ascent Cat 6A Shielded Jacks with Cobra Lock Termination

HJU6A NEXTSPEED Ascent Cat 6A Shielded Jacks with Cobra Lock Termination

HUBBELL
Hubbell Premise Wiring



Features:

- Third Party Verified Category 6A Component Exceeds TIA and ISO Limits
- Exclusive 1-Punch Termination Reduces Termination Time by 75%
- Qualified to 150% of 802.3bt PoE Current Level

Applications:

- Data Center Operations (Computer Room)

Transformers

Dry Type Distribution Transformer T253012S

Acme Electric offers a large selection of dry-type distribution transformers. Ranging from 600 Volt and below, in both Single and Three Phase, you're sure to find the right one for your needs.

Features:

- Single Phase, 240X480 - 120/240V, 2kVA
- Quite operation with sound levels below NEMA standards
- Electrostatic shield for enhanced protection

Applications:

- Common and Public Spaces
- Data Center Operations (Computer Rooms, Server Rooms and UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking

Buck-Boost Transformer

Acme Electric buck-boost transformers are the ideal solution anytime a line voltage change in the 5-15% range is required in single phase or three phase applications.

Unit are assembled and prewired at the factory in one convenient package to reduce installation cost.

Features:

- Single Phase, 120 X 240 - 12/24V, 750VA
- UL listed, CSA certified and UL 3R enclosure, meets or exceeds all listing criteria, including NEMA, ANSI, and OSHA standards
- Flexibility, can be used in single phase and three phase configurations
- Reduce (buck) or raise (boost) line voltage from 5 - 20%
- All copper lead wire terminations
- Long life, 80° C rise up to 0.15 kVA, and 115° C rise above 0.25 kVA
- Can be used in three phase applications

Applications:

- Common and Public Spaces
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking

Computer Room (Operations Space)

LED Contemporary Architectural Troffer (LCAT)

LCAT LED Contemporary Architectural Troffer provides both design and value with an architectural appearance, LED technology to reduce maintenance and a full family including 2'x4', 2'x2', 1'x4' and 1'x2' sizes. High efficiency acrylic center lens features linear prisms for superior performance without LED pixelation.

Columbia LIGHTING

Features:

- High performance reflector with matte white paint standard
- Lightweight housing and electrical components fully accessible from below the ceiling for easy installation and maintenance
- 60,000 hour LEDs at L80 (up to 150,000 projected life) for reduced maintenance
- Surface and cable mount options available
- Controls compatible with NX Distributed Intelligence™ and SpectraSync™ Color Tuning Technology
- DLC® (DesignLights Consortium) Qualified, with some Premium Qualified configurations

Applications:

- Data Center Operations (Computer Room)
- Corridor and Stairwell

MultiPurpose Linear - MPS

Multipurpose Linear is a versatile linear solution that will fit seamlessly into countless applications. With continuous illumination, integrated controls, multiple lens options and single or row mounting, Multipurpose Linear is adaptable to your environment. Available in 2', 4' or 8' lengths.

Columbia LIGHTING

Features:

- Long life 60,000 hour LEDs at L80 for reduced maintenance
- Superior color consistency within a 3-step MacAdam ellipse and greater than 80 CRI
- Optional integral emergency battery pack
- Modular replaceable LED boards and driver accessible for future maintenance or upgrades
- Controls compatible with NX Distributed Intelligence™ and SpectraSync™ Color Tuning Technology
- DLC® (DesignLights Consortium) Qualified, with Premium Qualified configurations

Applications:

- Data Center Operations (Computer Room)

CFP Edge-Lit Flat Panel

The CFP offers edge-lit LED technology in a sleek, modern, flat panel design. Light classrooms, offices, medical facilities, cleanrooms and general public spaces using edge-to-edge illumination, without pixelation or bright spots. Switchable Lumen technology creates built-in versatility; choose between three configuration options for the right output with one easy switch.

Columbia LIGHTING

Features:

- Switchable Lumen technology: 5500/4100/3400 lumens (1x4, 2x4) 4000/3300/2800 lumens (2x2)
- 80 CRI
- 0-10V dimming to 10%
- Recessed, surface or cable mount
- Universal voltage (120-277V)
- IC rated
- Suitable for ISO Class 5-9 positive pressure cleanrooms
- DLC® (DesignLights Consortium) Qualified, with some premium qualified configurations - see www.designlights.org

Applications:

- Network Operations Centers
- Data Center Operations (Computer Room, Server Areas and UPS Areas)

CBT Back-Lit Troffer

The CBT is an affordable LED lensed troffer with smooth, even illumination. With its LED energy saving technology, CBT is perfect for offices, classrooms and many other applications. Switchable Lumen technology creates built-in versatility; choose between three configuration options for the right output with one easy switch.

Columbia LIGHTING

Features:

- Switchable Lumen technology: 4400/3300/2750 lumens (1x4 and 2x2) 5500/4400/3300 lumens (2x4)
- 80 CRI
- 0–10V dimming to 10%
- Recessed or surface mount
- Universal voltage (120–277V)
- IC rated
- Smooth even illumination across the face of the luminaire
- Acrylic micro-optics over each LED provide edge-to-edge illumination
- DLC® (DesignLights Consortium) Qualified. Please refer to DLC website for specific product qualification at www.designlights.org

Applications:

- Office and Meeting Spaces

CRW Round Wrap

The CRW is a versatile LED round wrap with decorative end caps and features field Switchable Lumen & CCT technology.

Columbia LIGHTING

Features:

- Switchable Lumen technology: 3900/4800/5500 lumens
- Switchable CCT technology: 3500/4000/5000K
- Up to 153 lumens per watt
- 80 CRI
- 0-10V dimming to 10%
- Universal voltage (120-277V)
- Acrylic lens for superior efficiency resistance to UV aging
- Magnetic endcaps to eliminate light leaks
- Fully assembled for quick installation

Applications:

- Office and Meeting Spaces

PowerHUBB™ PoE Lighting & Control

Hubbell Control Solutions' PowerHUBB™ platform provides building owners and lighting practitioners with a fully integrated, end-to-end, intelligent PoE network leveraging the Internet of Things (IoT) to future-proof buildings through a highly scalable, digital ceiling platform. Contact us to learn how PowerHUBB's enterprise technology can deliver a clear path for cost-effective smart building deployments and ROI for your applications.

HUBBELL® Control Solutions

Features:

- Actionable intelligence -- scales from basic lighting control to advanced cloud based analytics
- Code compliance made easy -- delivers a system designed to meet the latest requirements of ASHRAE, IECC and Title 24 energy codes
- Simple and flexible deployment -- installations reduce material and labor cost by using a single Cat5e/6 connection for power and communication
- Enhanced energy savings -- implementing advanced energy management tools, automation access and open Application Programming Interface (API) drives scalable and aggressive control strategies across building environments

Applications:

- Exterior and Parking (Indoor)

Lighting & Lighting Controls

LSN D Series

The LSN D Series central lighting inverter provides a centralized solution to emergency lighting and power back-up with a wide array of options designed to minimize maintenance requirements and optimize emergency lighting performance. Designed for indoor installation in commercial or industrial applications for use with LED, fluorescent, compact fluorescent, incandescent and HID lamp loads up to 17.5kVA/kW.

DUAL-LITE®

Features:

- Uninterruptible emergency AC power system
- No break design transfers the load instantaneously when normal power is interrupted
- 90 minute emergency operation supplied standard
- Single-phase
- Input Voltage: 120VAC, 208VAC, 240VAC, 277VAC or 347VAC
- Output Voltage: 120VAC, 240VAC, 120/208VAC, 120/240VAC, 120/277VAC, 277 VAC or 347VAC
- Sizes available from 1.0 KVA/KW through 17.5 KVA/KW

Applications:

- Network Operations Centers
- Data Center Operations (Computer Room, Server Areas and UPS Areas)

Communications

H4 Series Cabinets

Hubbell's H4 Series Cabinet series are highly engineered for the most demanding data center installations.

HUBBELL® Hubbell Premise Wiring

Features:

- H4 cabinets offer many customization options
- Manages heavy cable volume
- Features removable doors and sides
- 3,000+ weight capacity

Applications:

- Network Operations Centers
- Data Center Operations (Computer Room and Server Areas)

Communications

Hubbell iSTATION HDMI Connectors

Offering powerful performance, iSTATION HDMI Connectors feature 110 style connections that transport full, high-definition 1080p signals along with flawless audio.

A locking interface ensures a solid connection, and a four-inch connector tail gives added flexibility to applications where capacity may be restricted. Assemblies are E106made to specified lengths, eliminating cable waste and helping with sustainability efforts. When used in conjunction with other iSTATION solutions, Hubbell's HDMI Connectors provide a practical way to deliver AV connections wherever they are needed.

HUBBELL® Hubbell Premise Wiring

HDMI 1.4 Connectors

Unit of Measure	Color	HDMI Keystone Feed Thru	HDMI Feed Thru Coupler	HDMI Feed Thru 3-Inch Tail
1 per bag	Black	**SFHC14BK**	**HDMIC14**	**HDMIT14**
	White	**SFHC14W**	–	–

Applications:

- Data Center Operations (Computer Room)

NEXTSPEED® Ascent Category 6A Patch Panels

Hubbell's NEXTSPEED® Ascent Category 6A, Component-Compliant Patch Panels available in both straight and angled versions are the industry's fastest terminating patch panels. The patch panel's zero-crosstalk contact structure provides the highest performance while maintaining true balance to offer 10-Gigabit Ethernet application assurance with 4.5 dB near-end crosstalk margin over TIA-568-C component specifications at 500 MHz. The angled patch panel eliminates the need for horizontal cable management, while the straight versions are available in up to 96 ports in a 4RU footprint.

HUBBELL® Hubbell Premise Wiring

NEXTSPEED® Ascent Category 6A Patch Panels

Color	Width Inches (mm)	Height Inches (mm)	Ports	Rack Units	Catalog No.
Black	19" (483)	1.75" (45)	24	1	**HP6A24**
		3.50" (89)	48	2	**HP6A48**
		7.00" 178)	96	4	**HP6A96**
White	19" (483)	1.75" (45)	24	1	**HP6A24W**
		3.50" (89)	48	2	**HP6A48W**
		7.00" (178)	96	4	**HP6A96W**

Note: Versions without cable management bar available as HP6A24E and HP6A48E.

NEXTFRAME Equipment Relay Racks

NEXTFRAME® 2-post Equipment Racks are available with depths of 3" and 6". The racks are used in typical cross connect and data center applications to house patch panels, cable organizers, switches, and other network equipment. When used in conjunction with NEXTFRAME cable management accessories, these racks provide a solution for handling, routing, and organizing cable and optical fiber.

Features:

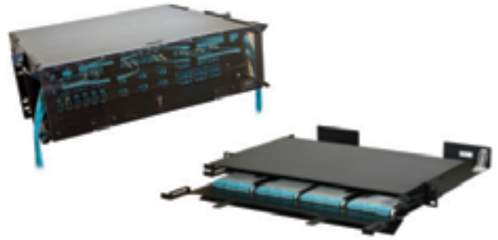
- Material: 6063-T2 aluminum rugged construction
- Finish: durable black powder coat or mill finish
- Weight capacity: 1,000lb when secured to floor
- Floor mount racks support 19" EIA-310-D and CEA-310-E rack-mount equipment
- UL Listed – 7N69 Communications Circuit Accessory

Applications:

- Telecommunications Room
- Data Center Operations (Computer Room and Server Areas)

Hubbell OptiChannel Rack Enclosures

Ideal for data center and telecommunications spaces where proper cable management is critical to network performance, flexibility and scalability, Hubbell's OptiChannel Rack Mount Enclosures enhance the management capabilities of high-density fiber optic connections at the interconnect or cross-connect. With enhanced bend radius control, easy labeling and an inner splice tray with optimum slack storage, OptiChannel features a one-piece removable cover and magnetic door for easy use. They integrate seamlessly with a wide range of panel and cassette options and are available in 1 to 4U sizes to house anywhere from 72 to 360 LC fiber ports.



High Density 144 Port 1U Enclosures

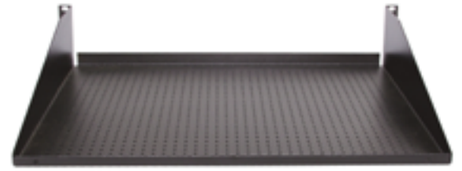
Rack Units	Color	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Max LC Port Capacity	Catalog No.
1	Black	1.75" (44)	19" (483)	17" (432)	144	**FCRHD1UBK**
1	Gray	1.75" (44)	19" (483)	17" (432)	144	**FCRHD1UGY**

Enhanced Rack Mounted Enclosures

Rack Units	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	FSP Panel Capacity	Splice Tray Capacity	Max LC Port Capacity	Catalog No.
1	1.75" (44)	17" (432)	17" (432)	3	2	72	**FCR1U3SP**
2	3.5" (89)	17" (432)	17" (432)	6	6	144	**FCR2U6SP**
3	5.25" (133)	17" (432)	17" (432)	12	12	288	**FCR3U12SP**
4	7.00" (178)	17" (432)	17" (432)	15	16	360	**FCR4U15SP**

Shelf

NEXTFRAME® Cantilevered Equipment Shelf



Features:

- Powder coated steel construction
- Measures 3.5" H x 17" W (19" Rack Mount) x 11" D

Applications:

- Telecommunications Room
- Data Center Operations (Computer Room and Server Areas)

BIDnet™ Pre-Terminated Assemblies

BIDnet™ (Building Infrastructure Design for Networking) Pre-Terminated Assemblies are ideal for data center applications where speed, accuracy, reliability and performance are required. Assemblies are terminated in environmentally controlled factory conditions. They are 100% tested and certified to reduce installation time and labor associated with termination and on-site certification.

Assemblies are available shielded or unshielded, with multiple configuration options to suit any application.

Features:

- BIDnet offers a "Green" approach to cabling by providing the exact lengths and number of connections, eliminating unwanted cable waste
- Simplifies installation time by 75%
- Reduces initial installation cost by 30%
- 100% factory tested and assembled
- Mission Critical® 25-year warranty

Applications:

- Data Center Operations

Wiring Devices

Extra Heavy Duty Receptacles

Hubbell's HBL Extra Heavy Duty receptacles are designed for superior impact resistance, greater heat and corrosion resistance, and reduced stripping. They offer superior electrical, thermal and mechanical properties while providing the safest, most reliable design for a low resistance flow of fault currents and fast, easy installation. Extra Heavy Duty receptacles are available as 15 and 20 Amp devices in either duplex, single or weather resistant version.

HUBBELL Wiring Device-Kellems

HBL® Extra Heavy Duty Industrial Series

Rating	Color	Duplex	Weather Resistant	Single
15A 125V	Brown	**HBL5262**	**HBL5262WR**	**HBL5261**
	Black	**HBL5262BK**	**HBL5262BKWR**	**HBL5261BK**
	Ivory	**HBL5262I**	**HBL5262IWR**	**HBL5261I**
20A 125V	Brown	**HBL5362**	**HBL5362WR**	**HBL5361**
	Black	**HBL5362BK**	**HBL5362BKWR**	**HBL5361BK**
	Ivory	**HBL5362I**	**HBL5362IWR**	**HBL5361I**

Grounding & Bonding

Compression Tap Connectors

Burndy® Compression Tap Connectors are used for routing power or voltage drop applications.

Color code system matches installation die color coding. Clear cover is used to allow for visual inspection after installation. Accommodates greater wire range with a single connector. Some designs accommodate more than one tap connection. Can be used for voltage drop applications.

BURNDY

Features:

- Copper wire connector
- Accommodates Copper Code Class B (Concentric, Compressed, Compact) or Class C wire and copper flex. See product details for specific wire classes.
- Electro-tin Plated for added corrosion resistance.
- Color coded markings
- Comes with clear cover
- UL Listed *with Burndy Engineered System
- CSA Certified to C22.2

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Modular or Prefab Data Centers
- Power/Renewable Energy

Grounding & Bonding

Compression Terminal Connectors

Burndy® Compression Terminal Connectors are used for terminating power.

Inspection window allows for full wire insertion examination. Two hold mounting pad provides extra fastening strength. Long barrel with additional crimps allows for stronger mechanical connection strength. Color code system matches installation die color coding. Barrel ink bands identify the crimp zone and approximate crimp locations.

BURNDY

Features:

- Copper wire connectors
- Two hole mounting pad
- Electro-tin plated
- Clear markings on pad and barrel
- Accommodates Copper Code Class B (Concentric, Compressed, Compact) or Class C wire and copper flex

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Modular or Prefab Data Centers
- Power/Renewable Energy

PAT644LI Battery Actuated Crimping Tool

Burndy® PATRIOT battery actuated crimping tool—hydraulic self contained with 11 ton output force, 6 awg-1000 kcmil copper, 6 awg-750 kcmil aluminum, dieless, 18V lithium ion.

Overmolded handle for comfort and improved grip -- provides one-handed operation for advance, retract and hold.

BURNDY

Features:

- Dieless system eliminates the need to purchase and maintain dies and allows connectors and splices to become range taking 355° head rotation
- 18V lithium-ion batteries provide 2.5 times more charge/discharge cycles than traditional ni-cad batteries and 430 percentage more lifetime work
- 5-year limited warranty on tool
- 3-year on batteries
- 1-year warranty on the charger

Applications:

- Data Center Operations (Computer Rooms)

PAT750LI Battery Actuated Crimping Tool

Burndy® PATRIOT 12-ton, c-head, hydraulic self-contained battery actuated crimping tool, 18v 3.0ah li-ion, 120V AC charger.

Refined hydraulic system for ultra performance, speed and reliability. Field proven electronics for ultimate reliability in the harshest environments.

BURNDY

Features:

- True one-handed operation for advance, retract, and hold
- 12 ton output force
- State of the art crimping head design, 360° head rotation
- Ergonomically balanced tool design
- Durable high-impact formed carrying case
- 5-year limited warranty on tool
- 3-year warranty on battery and charger
- lifetime warranty on INFINITY DRIVE®

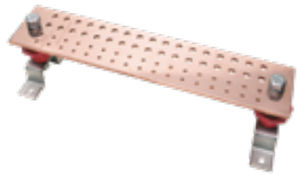
Applications:

- Data Center Operations (Computer Rooms)

Bus Bars

Ideal as a common grounding point in a data center, the UL Listed BURNDY® bus bar is available in a 12-inch and 24-inch undrilled model, which can be custom made in the field. In addition, two bus bars have been specifically designed to be mounted either vertically or horizontally to an equipment rack used to support computer equipment.

BURNDY



Features:

- Bare copper busbar
- UL Listed for grounding
- Available In various sizes and hole patterns
- Brackets and Insulators included with most styles
- May be used as a common ground point and power applications

Applications:

- Data Center Operations

Flexible Braid

Braid assemblies are referred to by many names including shunts and power shunts to grounding jumpers, busbar connections, flexible leads, bonding straps, cable jumpers and flexible gate jumpers.

Burndy can help determine the type of braid that will work best for your application and provide the appropriate solution to customize your order. Count on our Customer Service Representatives for assistance and take advantage of our 90 years of experience in the electrical industry.

BURNDY

BURNDY® Braid

Features:

Burndy Braid Assemblies are an economical and efficient means of protecting electrical equipment from the potentially harmful effects of:

- Shock and vibration
- Terminal or connection area expansion due to temperature changes
- Movement of components
- Misalignment that may occur during the service life of electrical equipment and machinery
- Seasonal movement of outdoor equipment (common in substations)

Applications:

- Data Center Operations (Computer Rooms)
- Modular or Prefab Data Centers

Cold Shrink Products

Burndy's Cold Shrink Products are a quick and reliable way to insulate connectors, add inspectability and save labor costs.

BURNDY

Cold Shrink Products:

Type	Description
	Burndy clear cold shrink tubing is a quick, reliable way to insulate connectors, add inspectability and save labor costs.
CCSC110600 **CCSC146600** **CCSC200600**	• Dielectric strength • Mechanical Protection • Abrasion Protection • Cable Insulation
	Burndy cold applied splice sealing products are made of specially formulated silicone rubber and offer excellent insulation and moisture proof sealing for in-line cable connector systems or elbow to cable jacket applications. The rubber sleeves are factory expanded and held over a removable, plastic rip core housing. Type CSJ also includes a mastic seal. Operating temperature range: -40°C to 105°C. Meets ANSI C119.1-1986.
CSB037800SR1 **CSB051900SR1** **CSB097900SR1** **CSB0971200SR1** **CSB125900SR1** **CSB163900SR1** **CSJ**	• Easy, safe installation • Suitable for a wide range of cable sizes • UV resistance, thermal stability • No special tools or training required • Forms a moisture proof seal • Superior, time-saving insulation technology • Indoor and outdoor applications

Penetrox Oxide Inhibitor

All Penetrox compounds contain homogeneously suspended metal particles. These suspended metal particles assist in penetrating thin oxide films, act as electrical “bridges” between conductor strands, aid in gripping the conductor, improve electrical conductivity and enhance the integrity of the connection.

BURNDY

Features:

- Produces low initial contact resistance
- Seals out air and moisture
- Prevents oxidation or corrosion
- Exhibitx superior weathering characteristics
- Usable over wide temperature ranges
- Provides a high conductivity “gastight” joint

Applications:

- Data Center Operations (Computer Room)
- Telecommunications Room
- Electrical and Mechanical Areas
- Power/Renewable Energy

HYGROUND® YG-B Series Bus Bar Connector

This connector allows a ground conductor to be easily attached to busbar or steel with thickness of 1/8" to 1/4" and a wire range of 1/0 to 4/0.

BURNDY

Features:

- Uses 1 or 2 conductors for power, grounding and bonding applictions
- UL486 And UL467 Listed
- Suitable for direct burial

Applications:

- Data Center Operations (Computer Room)

Ground Connectors

Burndy offers several types of raised floor grounding connectors, designed especially for the data center industry.

BURNDY

Connector Type	Description
GC-CT Cabletray Ground Clamp	Made of tin-plated cast copper alloy this clamp accommodates one or two conductors and copper or aluminum cable. Suitable for direct burial in concrete or earth.
GAR Parallel or 90° Copper Cable Connection to Rod or Pipe	High copper alloy ground connector to joins a range of cable at parallel or at right angles to rod or tube. Suitable for direct burial in concrete or earth.
BTCGC Ground Tray Clamp	Aluminum construction, suitable for outdoor applications. Can be used with most types of cable trays with inside or outside flanges. Accommodate a wide range of ground wire sizes.
GB, GBM Ground Connector Copper Cable to Bar	High copper alloy connector to join a range of cable to 1/4" thick bar with one-wrench installation. Type GB separates cable from bar, GBM clamps cable directly on bar surface. UL467 Listed. Suitable for direct burial in concrete or ground.
KS SERVIT® for Copper	Compact, high strength, high copper alloy SERVIT® split-bolt has free-running threads and easy to grip wrench flats. UL467 Listed for direct burial applications in earth or concrete.

HYGROUND® Compression Grounding

BURNDY's irreversible compression ground system meets the most stringent safety and performance requirements, including those of OSHA and nuclear power plant design. Performance excellence and long life expectancy are the system's basic design guidelines.

BURNDY

Features:

This complete system includes:

- Connectors for grid cross connections
- Taps
- Splices
- Cable to ground rod
- Ground plates
- Terminations

Applications:

- Data Center Operations (Computer Room)
- Telecommunications Room
- Power/Renewable Energy

Grounding and Bonding Systems

The grounding network in any building is responsible for directing electricity, static noise and built up charges to an outside discharge away from people and equipment.

Burndy's grounding products are designed around the ANSI-J-STD-607-B, Commercial Building, Grounding (Earthing) and Bonding requirements for telecommunications. This standard specifies the requirements for a uniform telecommunications grounding and bonding infrastructure that shall be followed within commercial buildings where telecommunications equipment will be installed.

BURNDY

Grounding and Bonding Systems:

Item	Description	Catalog No.
Compression Lugs	Long barrel with inspection window; available in 6 AWG up to 750 kcmil	**YAZxxxx**
Busbars	Copper or tin plated copper	**BBBxxxx**
Raised Floor Grounding Clamps	In parallel or grid mesh bonding applications	**GPxxxx**
Compression Taps	Copper C-Taps or tin plated copper H-Taps	**YCxxxx**

On Rail Busbar Grounding Kits

BGRK grounding kits offer conveniently packaged components which simplify the decision making process at material acquisition and installation on the job site. These grounding kits bundle the same quality UL listed connectors with value-adding components such as: conductor, installation hardware, oxide inhibitor, labeling and installation instructions.

Includes:
- 3/4" x 19" busbar
- Busbar hardware kit
- 60" #6 AWG conductor
- YAZ6C2TC14 HYDENT™ terminal (pre crimped to conductor on one side)
- 8" Black Hook & Loop Cable Fastener (10 pieces)
- ESD Port Kit
- ESD Identification Label
- Additional Labeling
- 1/2 ounce PENETROX™ A oxide inhibitor

BURNDY

Features:

- Conveniently packaged for ease of procurement and installation
- Comprised of UL listed components
- Wire brush free when installed with telecom WEEB® washer
- TIA607 compliant

Applications:

- Data Center Operations (Computer Room)

In-Cabinet Busbar Grounding Kits

BGRK grounding kits offer conveniently packaged components which simplify the decision making process at material acquisition and installation on the job site. These grounding kits bundle the same quality UL listed connectors with value-adding components such as: conductor, installation hardware, oxide inhibitor, labeling and installation instructions.

Includes:
- 36" busbar
- Busbar hardware kit
- 60" #6 AWG conductor
- YAZ6C2TC14 HYDENT™ terminal (pre-crimped to conductor on one side)
- 8" Black Hook & Loop Cable Fastener (10 pieces)
- ESD Port Kit
- ESD Identification Label
- Additional Labeling
- 1/2 ounce PENETROX™ A oxide inhibitor

BURNDY

Features:

- Conveniently packaged for ease of procurement and installation
- Comprised of UL listed components
- Wire brush free when installed with telecom WEEB® washer
- TIA607 compliant

Applications:

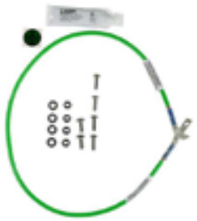
- Data Center Operations (Computer Room)

Ground Conductor/ Jumper Kit

BGRK grounding kits offer conveniently packaged components which simplify the decision making process at material acquisition and installation on the job site. These grounding kits bundle the same quality UL listed connectors with value-adding components such as: conductor, installation hardware, oxide inhibitor, labeling and installation instructions.

Includes:
- 30" #6 AWG conductor
- YAZ6C2TC14 HYDENT™ terminal pre crimped to one end of conductor
- YAZ6C2TC1490 HYDENT™ terminal pre-crimped to the other end of conductor
- 1/2 ounce PENETROX™ A oxide inhibitor
- Hardware Kit
- Labeling

BURNDY



Features:

- Conveniently packaged for ease of procurement and installation
- Comprised of UL listed components
- Wire brush free when installed with telecom WEEB® washer
- TIA607 compliant

Applications:

- Data Center Operations (Computer Room)

BGRKTD9D Ground Conductor/Jumper Kit

BGRK grounding kits offer conveniently packaged components which simplify the decision making process at material acquisition and installation on the job site. These grounding kits bundle the same quality UL listed connectors with value-adding components such as: conductor, installation hardware, oxide inhibitor, labeling and installation instructions.

Includes:
- 9" #6 AWG conductor
- YAZ6C2TC14 HYDENT™ terminals pre crimped to each end of conductor
- 1/2 ounce PENETROX™ A oxide inhibitor
- Hardware KitLabels for conductor
- Ground Symbol Label

BURNDY

Features:

- Conveniently packaged for ease of procurement and installation
- Comprised of UL listed components
- Wire brush free when installed with telecom WEEB® washer
- TIA607 compliant

Applications:

- Data Center Operations (Computer Room)

BGRKTWB5 Ground Conductor/Jumper Kit

BGRK grounding kits offer conveniently packaged components which simplify the decision making process at material acquisition and installation on the job site. These grounding kits bundle the same quality UL listed connectors with value-adding components such as: conductor, installation hardware, oxide inhibitor, labeling and installation instructions.

Includes:
- 9" #6 AWG Conductor (5 pieces)
- KS23 SERVIT® split bolt connectors (10 pieces)
- Ground wire labeling (5 pieces)
- Ground symbol labeling (5 pieces)

BURNDY

Features:

- Conveniently packaged for ease of procurement and installation
- Comprised of UL listed components
- Wire brush free when installed with telecom WEEB® washer
- TIA607 compliant

Applications:

- Data Center Operations (Computer Room)

Structure (beam) Grounding

The Type GCS connector is used to ground cable to steel in applications where drilling is either not possible or unwanted. Installation of the Type GCS connector requires no power tools and is suitable for all applications particularly where power equipment of any kind is not allowed. The CONSTRICTOR™ GCS series of ground connectors are cULus Listed for Grounding and Bonding.

BURNDY

Features:

- Accepts beam thickness: 0.125 – 0.625" (1/8" to 5/8")
- Conductor range from #6 to 2/0
- Versatile; allows parallel or perpendicular conductor orientation
- Stainless steel hardware
- 5/32" Allen cup point screw penetrates coatings on steel
- No special tooling required
- Applicable for use in “extremely volatile environments”

Applications:

- Data Center Operations (Computer Room and Server Areas)
- Exterior and Parking Structure

WEEB® Two Hole Telecom Washer

The Telecom WEEB® Washer design utilizes patented teeth, eliminating the need to remove nonconductive coatings (e.g. anodization and powder coat) when making bonding connections. The teeth pierce through most nonconductive coatings and embed into the underlying metal, creating a bonding connection between the lug and the coated metal component.

wiley

Features:

- Made from corrosion resistant 304 stainless steel for outstanding durability and performance
- Eliminates the need for surface preparation and oxide inhibitor
- Detailed manual specifying proper hardware, torque, and mounting information is available upon request
- UL 467 Recognized for grounding and bonding equipment

Applications:

- Power/Renewable Energy

CT Series Cable Ties

Burndy® UNIRAP™ cable ties are fabricated of one piece nylon with parts. The straps are tough, resilient, lightweight and abrasion resistant. They offer high tensile strength and are chemically resistive to solvents, alkalides, oils, grease and diluted acids. Self-locking, the secure without twisting or leaving sharp projections.

Organizes wires in all areas of buildings within the walls, ceilings, desk areas, sanitized areas and clean rooms.

BURNDY

Features:

- Nylon 6/6 and nylon 12 cable ties
- Styles include releasable, identification and screw mount
- Bundle diameter range of .06" to 12"
- Tensile strength from 18 lbs. to 250 lbs.

Applications:

- Data Center Telecommunications Room
- Data Center Operations (Computer Rooms)
- Electrical and Mechanical Areas
- Modular or Prefab Data Centers
- Power/Renewable Energy

CTSS Series Cable Ties

Burndy® 304 Stainless Steel ties are designed to secure hoses, cables, poles, pipes, and more when harsh environmental conditions may adversely affect the bundling application. Used where corrosion, vibration, weathering, radiation, and temperature extremes are a concern. Burndy® Stainless Steel ties can be used in virtually any indoor, outdoor, and underground application.

BURNDY

Features:

- 304 Grade Stainless Steel
- Meet the requirements of ABS
- Low profile clamping bearing head with fully adjustable strap accommodates many bundle diameters
- Smooth, rounded edges help ensure safe, efficient handling
- Self-locking steel ball design speeds installation and locks into place at any length
- Provides a strong durable method of cable bundling
- Flame retardant and non-toxic for applications where safety from fire is critical

Applications:

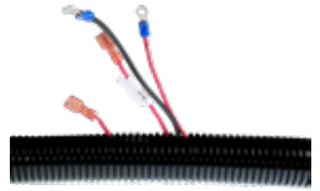
- Telecommunications Room
- Data Center Operations (Computer Rooms)
- Electrical and Mechanical Areas
- Modular or Prefab Data Centers
- Power/Renewable Energy

Split Loom Tubing

Burndy® split loom is for applications where braided tubing or spiral wrap may be difficult to install. Tubing provides full coverage. In harsh applications, the tubing provides resistance to crushing, impact, and abrasion.

Tubing offers excellent protection against automotive fluids, vibration wear, water, snow, ice and the effects of heat, cold, and sunlight on cables and wires.

BURNDY



Features:

- Polyethylene tube construction
- Protection against heat, cold, water, ice and vibration wear
- Protection against crushing, impact and abrasion

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms)
- Electrical and Mechanical Areas

Heat Shrink

Burndy® thin wall and heavy duty heat shrink used in indoor and outdoor applications protects wires and connections for terminals, taps and splice connectors.

BURNDY

Features:

- Cross linked polyolefin construction
- Protects from environments and abrasion
- Used in indoor and outdoor applications
- Clear heat shrink provides inspection of electrical connection, termination or splice
- Standard heat shrink for color coding
- Forms a moisture-proof seal

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms)
- Modular or Prefab Data Centers

Basket Tray Accessories (Vertical Down and Radius Down)

Hubbell's Wire Basket Cable Tray Systems provide superior cable management and protection for electrical power or data communications cabling. The systems are field adaptable and easily installed overhead, on walls or under floors using various brackets and supports.

Layouts, installations, and changes are quickly and easily configured to requirements with wire cutting tools. Basket tray installs faster than conduit systems and offers more flexibility and capacity.

Hubbell Premise Wiring

Features:

- Shaped (flat) cross wire design
- Ideal for CAT6A cabling
- Flat shaped profile reduces stress points that may degrade performance
- Unique design (patent pending)
- Uses the same hardware and supports used for round wire tray
- UL Classified and cUL Classified as equipment grounding conductor

Applications:

- Telecommunications Room
- Network Operations Centers
- Data Center Operations (Computer Room)

NEXTFRAME® Ladder Tray

Hubbell's NEXTFRAME® ladder tray is an effective cable runway that supports and delivers bundles of copper and fiber cables between cabinets, racks and closets, along walls and suspended from ceilings.

This lightweight system features rugged, tubular steel construction that provides the mechanical support, strain relief and smooth gradual bend needed to protect cables and maintain their performance.

Hubbell Premise Wiring

Features:

- HLS Ladder Tray is a modular system that is easily configured for all unique installations
- Ladder tray sections universally work with all ladder tray accessories
- HLS Ladder feature rung spacing every 9" to support and relieve cable stress
- Durable black or gray powder coat finish

Applications:

- Telecommunications Room
- Data Center Operations (Computer Room)

Ladder Tray -- Installation (Ladder Bonding Jumper Kits and Brackets)

HGRKTD9D, Grounding and Bonding Kit

Hubbell Premise Wiring

Features:

- 6AWG copper wire green insulated
- Long barrel lug(s) with inspection window
- Stainless steel mounting hardware
- 0.5oz tube of antioxidant
- Caution and GND labels

Applications:

- Telecommunications Room
- Data Center Operations (Computer Room)

Dry Type Distribution Transformer T253012S

Acme Electric offers a large selection of dry-type distribution transformers. Ranging from 600 Volt and below, in both Single and Three Phase, you're sure to find the right one for your needs.

Acme Electric®

Features:

- Single Phase, 240X480 - 120/240V, 2kVA
- Quite operation with sound levels below NEMA standards
- Electrostatic shield for enhanced protection

Applications:

- Common and Public Spaces
- Data Center Operations (Computer Rooms, Server Rooms and UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking

Transformers

Panel-Tran Zone Power Center

Zone power centers combine an Acme-encapsulated distribution transformer with a power panel assembly in one convenient UL-3R enclosure -- for indoor/outdoor or service entrance equipment applications.

Acme Electric®

Features:

- Single Phase, 480 - 120/240V, 15kVA, Snap In Breakers
- Fully compliant with NEC 450-3
- Electrostatic shield for enhanced protection
- Primary and Secondary main circuit breakers provided

Applications:

- Data Center Operations (UPS Areas and Server Areas)
- Electrical and Mechanical Areas
- Exterior and Parking
- Power/Renewable Energy

Buck-Boost Transformer

Acme Electric buck-boost transformers are the ideal solution anytime a line voltage change in the 5-15% range is required in single phase or three phase applications.

Unit are assembled and prewired at the factory in one convenient package to reduce installation cost.

Acme Electric®

Features:

- Single Phase, 120 X 240 - 12/24V, 750VA
- UL listed, CSA certified and UL 3R enclosure, meets or exceeds all listing criteria, including NEMA, ANSI, and OSHA standards
- Flexibility, can be used in single phase and three phase configurations
- Reduce (buck) or raise (boost) line voltage from 5 - 20%
- All copper lead wire terminations
- Long life, 80° C rise up to 0.15 kVA, and 115° C rise above 0.25 kVA
- Can be used in three phase applications

Applications:

- Common and Public Spaces
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking

Computer Room (Below Floor)

Wiring Devices

inSIGHT™ Data Monitoring Systems

Hubbell's line of intelligent Data Monitoring devices provide data directly at the point of use for analytics while helping to predict potential process changes. Important power and environmental data provided ranges from revenue grade billable metering, voltage, power, and internal device temperature.

inSIGHT™ Data Monitoring Systems:

Catalog Number	Description
HBL460C9WDMUS1	Data Monitoring, Heavy Duty Products, IEC Pin and Sleeve Devices, Industrial Grade, Female Connector Body, 60A 3-Phase Delta 250V AC, 3-Pole 4-Wire Grounding, Terminal Screws, Blue, Watertight
HBLGW0400MLUS1	Gateway,30 Node, MODBUS TCPIP, US1

Grounding & Bonding

Fence Post Connectors

Burndy® mechanical grounding connectors for fence posts and fence mesh. Easy, fast installation for all grounding and bonding applications.

Features:

- Range taking
- No special tooling required
- Secure connections using bolts or other hardware
- Meets UL467 for Ground and Bonding applications

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms)
- Exterior and Parking (Outdoor)
- Power/Renewable Energy

Raised Floor Pedestal Ground Connectors

Burndy's raised floor connectors allow one or two grounding conductors within the range - 4 AWG to 4/0 AWG to be used for connecting square or round pedestals to an equipotential grid -- ensuring safety.

BURNDY

Features:

- Cast copper construction, #6 Sol.-4/0 Str.
- Dimensions: 4.53" long X 3.94" wide
- Torque: 120 IN-LB

Applications:

- Data Center Operations

Cold Shrink Products

Burndy's Cold Shrink Products are a quick and reliable way to insulate connectors, add inspectability and save labor costs.

BURNDY

Cold Shrink Products:

Type	Description
	Burndy clear cold shrink tubing is a quick, reliable way to insulate connectors, add inspectability and save labor costs.
CCSC110600 **CCSC146600** **CCSC200600**	• Dielectric strength • Mechanical Protection • Abrasion Protection • Cable Insulation
	Burndy cold applied splice sealing products are made of specially formulated silicone rubber and offer excellent insulation and moisture proof sealing for in-line cable connector systems or elbow to cable jacket applications. The rubber sleeves are factory expanded and held over a removable, plastic rip core housing. Type CSJ also includes a mastic seal. Operating temperature range: -40°C to 105°C. Meets ANSI C119.1-1986.
CSB037800SR1 **CSB051900SR1** **CSB097900SR1** **CSB0971200SR1** **CSB125900SR1** **CSB163900SR1** **CSJ**	• Easy, safe installation • Suitable for a wide range of cable sizes • UV resistance, thermal stability • No special tools or training required • Forms a moisture proof seal • Superior, time-saving insulation technology • Indoor and outdoor applications

Penetrox Oxide Inhibitor

All Penetrox compounds contain homogeneously suspended metal particles. These suspended metal particles assist in penetrating thin oxide films, act as electrical "bridges" between conductor strands, aid in gripping the conductor, improve electrical conductivity and enhance the integrity of the connection.

BURNDY

Features:

- Produces low initial contact resistance
- Seals out air and moisture
- Prevents oxidation or corrosion
- Exhibitx superior weathering characteristics
- Usable over wide temperature ranges
- Provides a high conductivity "gastight" joint

Applications:

- Data Center Operations (Computer Room)
- Telecommunications Room
- Electrical and Mechanical Areas
- Power/Renewable Energy

HYGROUND® YG-B Series Bus Bar Connector

This connector allows a ground conductor to be easily attached to busbar or steel with thickness of 1/8" to 1/4" and a wire range of 1/0 to 4/0.

BURNDY

Features:

- Uses 1 or 2 conductors for power, grounding and bonding applictions
- UL486 And UL467 Listed
- Suitable for direct burial

Applications:

- Data Center Operations (Computer Room)

Raised Floor Ground Connectors

Grounding clamps for raised floor applications

BURNDY

Connector Type	Description
TYPE GRF UNIGROUND™ Raised Floor Grounding Connector	This clamp installs on round or square pedestals and accommodates one or two grounding wires. Underfloor signal reference grid provides a low impedance ground path that attenuates high frequency static and 60 Hz transient noise for cleaner data output. UL467 Listed.
Type GP Ground Connector for Two Copper Cables to Rod or Pipe	High copper alloy ground connector that quickly joins a range of parallel cables perpendicular to rod, pipe or column. May be used with one groove for run and one for tap to equipment. UL467 Listed for direct burial in earth or concrete.
Type GXP Raised Floor Pedestal Ground Connector	This grounding clamp accepts a range of pedestals and conductors. Accommodates 1 or 2 wires, arranged in a parallel or cross grid pattern. UL Listed for the US and Canadian markets and rated for direct burial.
Type CL50-1TN Copper LAY-IN QIKLUG™	High strength pure electrolytic copper ensures maximum strength and conductivity. UL467 Listed for direct burial in earth or concrete.

Mechanical Grounding Connectors

When working with incoming distribution lines, the substation facility, switchgear, uninterruptible power supply (UPS) systems, power distribution equipment (PDE) and raised floor grounding systems, choose Burndy for efficient grounding methods, innovative connectors and dependable tooling.

BURNDY

HBL® Extra Heavy Duty Industrial Series

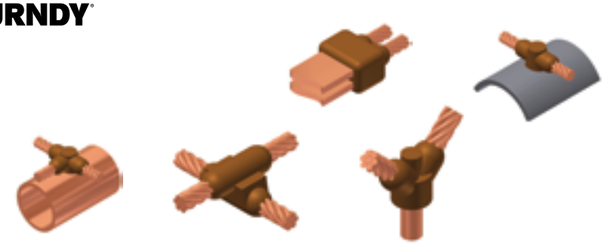
Mechanical Connector Type	Description
KC, K2 For Copper Cable to Flat	SERVIT POST used to ground one or two cables to steel structures, fence posts, transformers. Also used to tap one or two cables from bus bar. One wrench installation.
KS For Copper	UL467 Listed for direct burial applications in earth or concrete. Compact, high strength, high copper alloy SERVIT split-bolt has free-running threads and easy to grip wrench flats. Highly resistant to cracking and corrosion.
GRC High Strength Ground Rod Clamp for Copper Cable to Rod	High copper alloy ground connector for joining a range of cable to copper clad, galvanized steel, and stainless-steel ground rods. Slips over end of rod, one-wrench installation. UL467 Listed for direct burial in earth and concrete.
GP Ground Connector for Two Copper Cables to Rod or Pipe	High copper alloy ground connector for joining a range of parallel cables perpendicular to rod, pipe or column. Also used with one groove for run, the other for tap to equipment. High copper alloy cast body and DURIUM™ U-bolts, nuts, and lockwashers make the GP suitable for direct burial in the ground or concrete. One-wrench installation. UL467 Listed. Acceptable for direct burial in earth or concrete.

Mechanical Grounding Connectors, Catalog #s: KC/K2C/KS/GRC/GP

thermOweld Cathodic Protection

The thermOweld® permanent-connection process is engineered for and easy and efficient field welding system. No outside power, bulky gas tanks or other equipment associated with welding is required with the thermOweld system. Any field installer or contractor can use our high-grade graphite molds designed and produced in thermOweld's CNC manufacturing operations.

BURNDY



thermOweld Cathodic Protection:

Type	Description
CC	Cable to Cable Connection.
CR	Cable to Ground Rod Connection
RR	Ground Rod to Ground Rod Connection.
CS	Cable to Steel Connection.
CB	Cable to Bar Connection.
RRE	Cable to Rebar Connection.

Applications:

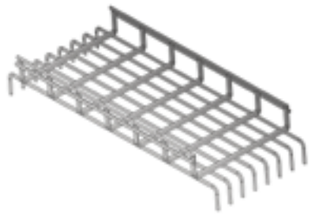
- Data Center Operations (Computer Room, Server Areas and UPS Areas)
- Power/Renewable Energy

Under-Floor Wire Basket Tray

Hubbell's wire basket system meets specific requirements for commercial controlled interior environments and data centers. Wire basket systems help save labor and minimize waste, while reducing impact to the environment.

The raised access floor system ships as a complete unit, eliminating the need to locate and assemble components. Hubbell wire basket systems are available in overhead and raised floor applications.

HUBBELL
Hubbell Premise Wiring



Features:

- T-weld construction prevents snags
- 5mm round wire on smaller sizes
- High load rating
- 100% recycled steel
- Use factory support hardware or fabricate supports on the job site
- 2" x 4" mesh opening
- Painted tray includes factory installed masking to assure proper grounding at splices; no need to remove paint during installation

Applications:

- Network Operations Centers
- Data Center Operations (Computer Room, Server Areas)

Communications

NEXTFRAME Equipment Relay Racks

NEXTFRAME® 2-post Equipment Racks are available with depths of 3" and 6". The racks are used in typical cross connect and data center applications to house patch panels, cable organizers, switches, and other network equipment. When used in conjunction with NEXTFRAME cable management accessories, these racks provide a solution for handling, routing, and organizing cable and optical fiber.

Hubbell Premise Wiring

Features:

- Material: 6063-T2 aluminum rugged construction
- Finish: durable black powder coat or mill finish
- Weight capacity: 1,000lb when secured to floor
- Floor mount racks support 19" EIA-310-D and CEA-310-E rack-mount equipment
- UL Listed – 7N69 Communications Circuit Accessory

Applications:

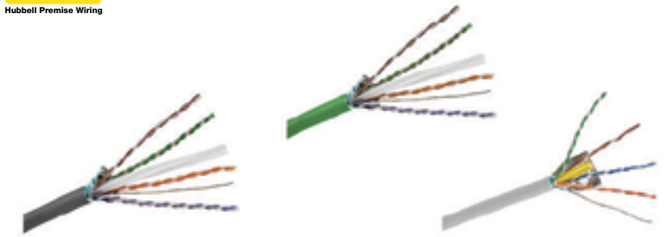
- Telecommunications Room
- Data Center Operations (Computer Room and Server Areas)

NEXTSPEED® Ascent Category 6A UTP Cable

NEXTSPEED® Ascent Shielded Category 6A is a tuned system of structured cabling components designed and balanced to work together to deliver Category 6A performance and headroom beyond 500MHz.

The Ascent shielded system provides a transparent 10 Gigabit signal path for current and future applications and trends, decreasing installation time and supplying the peace of mind needed for present data intensive applications.

Hubbell Premise Wiring



Listings:

- TIA-568-C.2 (Category 6A Component)
- NEC Article 800 Compliant
- UL Listed and Tested
- Verified to IEEE 802.3af (PoE), IEEE 802.3at (PoE+) and IEEE 802.3bt (4PPPoE)
- Exceeds IEEE 802.3an 10GBASE-T Link Segment Requirements

Applications:

- Data Center Operations

Transformers

Dry Type Distribution Transformer T253012S

Acme Electric offers a large selection of dry-type distribution transformers. Ranging from 600 Volt and below, in both Single and Three Phase, you're sure to find the right one for your needs.

Acme Electric®

Features:

- Single Phase, 240X480 - 120/240V, 2kVA
- Quite operation with sound levels below NEMA standards
- Electrostatic shield for enhanced protection

Applications:

- Common and Public Spaces
- Data Center Operations (Computer Rooms, Server Rooms and UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking

Buck-Boost Transformer

Acme Electric buck-boost transformers are the ideal solution anytime a line voltage change in the 5-15% range is required in single phase or three phase applications.

Unit are assembled and prewired at the factory in one convenient package to reduce installation cost.

Acme Electric®

Features:

- Single Phase, 120 X 240 - 12/24V, 750VA
- UL listed, CSA certified and UL 3R enclosure, meets or exceeds all listing criteria, including NEMA, ANSI, and OSHA standards
- Flexibility, can be used in single phase and three phase configurations
- Reduce (buck) or raise (boost) line voltage from 5 - 20%
- All copper lead wire terminations
- Long life, 80° C rise up to 0.15 kVA, and 115° C rise above 0.25 kVA
- Can be used in three phase applications

Applications:

- Common and Public Spaces
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking

Server Room (Overhead)

NEXTFRAME® Ladder Tray

Hubbell's NEXTFRAME® ladder tray is an effective cable runway that supports and delivers bundles of copper and fiber cables between cabinets, racks and closets, along walls and suspended from ceilings.

This lightweight system features rugged, tubular steel construction that provides the mechanical support, strain relief and smooth gradual bend needed to protect cables and maintain their performance.

Hubbell Premise Wiring

Features:

- HLS Ladder Tray is a modular system that is easily configured for all unique installations
- Ladder tray sections universally work with all ladder tray accessories
- HLS Ladder feature rung spacing every 9" to support and relieve cable stress
- Durable black or gray powder coat finish

Applications:

- Telecommunications Room
- Data Center Operations (Computer Room)

Ladder Tray -- Installation (Ladder Bonding Jumper Kits and Brackets)

HGRKTD9D, Grounding and Bonding Kit

Hubbell Premise Wiring

Features:

- 6AWG copper wire green insulated
- Long barrel lug(s) with inspection window
- Stainless steel mounting hardware
- 0.5oz tube of antioxidant
- Caution and GND labels

Applications:

- Telecommunications Room
- Data Center Operations (Computer Room)

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- All copper lead wire terminations
- Long life, 80° C rise up to 0.15 kVA, and 115° C rise above 0.25 kVA
- Can be used in three phase applications

Applications:

- Common and Public Spaces
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking

Server Room (Operation Space)

Lighting & Lighting Controls

PowerHUBB™ PoE Lighting & Control

Hubbell Control Solutions' PowerHUBB™ platform provides building owners and lighting practitioners with a fully integrated, end-to-end, intelligent PoE network leveraging the Internet of Things (IoT) to future-proof buildings through a highly scalable, digital ceiling platform. Contact us to learn how PowerHUBB's enterprise technology can deliver a clear path for cost-effective smart building deployments and ROI for your applications.

HUBBELL Control Solutions

Features:

- Actionable intelligence -- scales from basic lighting control to advanced cloud based analytics
- Code compliance made easy -- delivers a system designed to meet the latest requirements of ASHRAE, IECC and Title 24 energy codes
- Simple and flexible deployment -- installations reduce material and labor cost by using a single Cat5e/6 connection for power and communication
- Enhanced energy savings -- implementing advanced energy management tools, automation access and open Application Programming Interface (API) drives scalable and aggressive control strategies across building environments

Applications:

- Exterior and Parking (Indoor)

Grounding & Bonding

Compression Tap Connectors

Burndy® Compression Tap Connectors are used for routing power or voltage drop applications.

Color code system matches installation die color coding. Clear cover is used to allow for visual inspection after installation. Accommodates greater wire range with a single connector. Some designs accommodate more than one tap connection. Can be used for voltage drop applications.

BURNDY

Features:

- Copper wire connector
- Accommodates Copper Code Class B (Concentric, Compressed, Compact) or Class C wire and copper flex. See product details for specific wire classes.
- Electro-tin Plated for added corrosion resistance.
- Color coded markings
- Comes with clear cover
- UL Listed *with Burndy Engineered System
- CSA Certified to C22.2

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Modular or Prefab Data Centers
- Power/Renewable Energy

Grounding & Bonding

Compression Terminal Connectors

Burndy® Compression Terminal Connectors are used for terminating power.

Inspection window allows for full wire insertion examination. Two hold mounting pad provides extra fastening strength. Long barrel with additional crimps allows for stronger mechanical connection strength. Color code system matches installation die color coding. Barrel ink bands identify the crimp zone and approximate crimp locations.

BURNDY

Features:

- Copper wire connectors
- Two hole mounting pad
- Electro-tin plated
- Clear markings on pad and barrel
- Accommodates Copper Code Class B (Concentric, Compressed, Compact) or Class C wire and copper flex

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Modular or Prefab Data Centers
- Power/Renewable Energy

Structure (beam) Grounding

The Type GCS connector is used to ground cable to steel in applications where drilling is either not possible or unwanted. Installation of the Type GCS connector requires no power tools and is suitable for all applications particularly where power equipment of any kind is not allowed. The CONSTRICTOR™ GCS series of ground connectors are cULus Listed for Grounding and Bonding.

BURNDY

Features:

- Accepts beam thickness: 0.125 – 0.625" (1/8" to 5/8")
- Conductor range from #6 to 2/0
- Versatile; allows parallel or perpendicular conductor orientation
- Stainless steel hardware
- 5/32" Allen cup point screw penetrates coatings on steel
- No special tooling required
- Applicable for use in “extremely volatile environments”

Applications:

- Data Center Operations (Computer Room and Server Areas)
- Exterior and Parking Structure

Communications

H4 Series Cabinets

Hubbell's H4 Series Cabinet series are highly engineered for the most demanding data center installations.

HUBBELL Hubbell Premise Wiring

Features:

- H4 cabinets offer many customization options
- Manages heavy cable volume
- Features removable doors and sides
- 3,000+ weight capacity

Applications:

- Network Operations Centers
- Data Center Operations (Computer Room and Server Areas)

NEXTFRAME Equipment Relay Racks

NEXTFRAME® 2-post Equipment Racks are available with depths of 3" and 6". The racks are used in typical cross connect and data center applications to house patch panels, cable organizers, switches, and other network equipment. When used in conjunction with NEXTFRAME cable management accessories, these racks provide a solution for handling, routing, and organizing cable and optical fiber.

HUBBELL Hubbell Premise Wiring

Features:

- Material: 6063-T2 aluminum rugged construction
- Finish: durable black powder coat or mill finish
- Weight capacity: 1,000lb when secured to floor
- Floor mount racks support 19" EIA-310-D and CEA-310-E rack-mount equipment
- UL Listed – 7N69 Communications Circuit Accessory

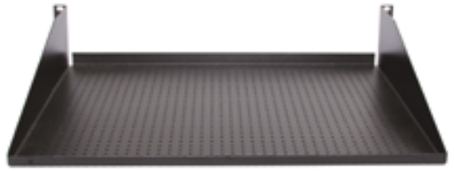
Applications:

- Telecommunications Room
- Data Center Operations (Computer Room and Server Areas)

Communications

Shelf

NEXTFRAME® Cantilevered Equipment Shelf



Features:

- Powder coated steel construction
- Measures 3.5" H x 17" W (19" Rack Mount) x 11" D

Applications:

- Telecommunications Room
- Data Center Operations (Computer Room and Server Areas)

Transformers

Dry Type Distribution Transformer T253012S

Acme Electric offers a large selection of dry-type distribution transformers. Ranging from 600 Volt and below, in both Single and Three Phase, you're sure to find the right one for your needs.

Features:

- Single Phase, 240X480 - 120/240V, 2kVA
- Quite operation with sound levels below NEMA standards
- Electrostatic shield for enhanced protection

Applications:

- Common and Public Spaces
- Data Center Operations (Computer Rooms, Server Rooms and UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking

Transformers

Panel-Tran Zone Power Center

Zone power centers combine an Acme-encapsulated distribution transformer with a power panel assembly in one convenient UL-3R enclosure -- for indoor/outdoor or service entrance equipment applications.

Features:

- Single Phase, 480 - 120/240V, 15kVA, Snap In Breakers
- Fully compliant with NEC 450-3
- Electrostatic shield for enhanced protection
- Primary and Secondary main circuit breakers provided

Applications:

- Data Center Operations (UPS Areas and Server Areas)
- Electrical and Mechanical Areas
- Exterior and Parking
- Power/Renewable Energy

Buck-Boost Transformer

Acme Electric buck-boost transformers are the ideal solution anytime a line voltage change in the 5-15% range is required in single phase or three phase applications.

Unit are assembled and prewired at the factory in one convenient package to reduce installation cost.

Features:

- Single Phase, 120 X 240 - 12/24V, 750VA
- UL listed, CSA certified and UL 3R enclosure, meets or exceeds all listing criteria, including NEMA, ANSI, and OSHA standards
- Flexibility, can be used in single phase and three phase configurations
- Reduce (buck) or raise (boost) line voltage from 5 - 20%
- All copper lead wire terminations
- Long life, 80° C rise up to 0.15 kVA, and 115° C rise above 0.25 kVA
- Can be used in three phase applications

Applications:

- Common and Public Spaces
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking

Hardware

DURIUM Hardware

Hardware used in connectors must be compatible with the connector material, have high mechanical strength and be corrosion resistant and correspond to NEMA recommendations.

Copper alloy connectors have hardware made of DURIUM™, Burndy's trade name for silicon bronze alloy ASTMB99 type B. This material was first introduced by Burndy in 1927 for use in outdoor construction, and today, is the standard throughout the industry.

BURNDY

thermOweld Cathodic Protection:

Type	Description
CHENBOX DURIUM™ Nuts Silicon Bronze	DURIUM™ hexagon regular nuts are nonmagnetic and are made to American Standard dimensions. American National Coarse Series threads. #2 fit.
TMH DURIUM Silicon Bronze Hardware Kits	Type TMH DURIUM silicon bronze material provides long lasting corrosion resistance Grade 2. Kits can be ordered for specific applications ensuring the proper type and amount of hardware for each installation. Packaging in convenient separate sealed bags eliminates mismatched quantities.
FWBOX DURIUM Flat Washers Silicon Bronze	High strength DURIUM Flat Washers are nonmagnetic and free from galvanic action when in contact with copper. Conforms to SAE standards.
SWBOX DURIUM Split Washers Silicon Bronze	The DURIUM™ spring type lockwashers have high resiliency and exert constant pressure on the face of the nut -- preventing vibration from loosening the nut.
NWBOX DURIUM Internal Tooth Lockwashers Silicon Bronze	DURIUM™ Internal Tooth Lockwasher teeth are twisted slightly and present biting edges which grip the nut and the part being clamped -- preventing the nut from backing off.

Server Room (Below Floor)

CFP Edge-Lit Flat Panel

The CFP offers edge-lit LED technology in a sleek, modern, flat panel design. Light classrooms, offices, medical facilities, cleanrooms and general public spaces using edge-to-edge illumination, without pixelation or bright spots. Switchable Lumen technology creates built-in versatility; choose between three configuration options for the right output with one easy switch.

Columbia LIGHTING

Features:

- Switchable Lumen technology: 5500/4100/3400 lumens (1x4, 2x4) 4000/3300/2800 lumens (2x2)
- 80 CRI
- 0-10V dimming to 10%
- Recessed, surface or cable mount
- Universal voltage (120-277V)
- IC rated
- Suitable for ISO Class 5-9 positive pressure cleanrooms
- DLC® (DesignLights Consortium) Qualified, with some premium qualified configurations - see www.designlights.org

Applications:

- Network Operations Centers
- Data Center Operations (Computer Room, Server Areas and UPS Areas)

CBT Back-Lit Troffer

The CBT is an affordable LED lensed troffer with smooth, even illumination. With its LED energy saving technology, CBT is perfect for offices, classrooms and many other applications. Switchable Lumen technology creates built-in versatility; choose between three configuration options for the right output with one easy switch.

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- 0–10V dimming to 10%
- Recessed or surface mount
- Universal voltage (120–277V)
- IC rated
- Smooth even illumination across the face of the luminaire
- Acrylic micro-optics over each LED provide edge-to-edge illumination
- DLC® (DesignLights Consortium) Qualified. Please refer to DLC website for specific product qualification at www.designlights.org

Applications:

- Office and Meeting Spaces

Lighting & Lighting Controls

CRW Round Wrap

The CRW is a versatile LED round wrap with decorative end caps and features field Switchable Lumen & CCT technology.

Columbia LIGHTING

Features:

- Switchable Lumen technology: 3900/4800/5500 lumens
- Switchable CCT technology: 3500/4000/5000K
- Up to 153 lumens per watt
- 80 CRI
- 0-10V dimming to 10%
- Universal voltage (120-277V)
- Acrylic lens for superior efficiency resistance to UV aging
- Magnetic endcaps to eliminate light leaks
- Fully assembled for quick installation

Applications:

- Office and Meeting Spaces

LSN D Series

The LSN D Series central lighting inverter provides a centralized solution to emergency lighting and power back-up with a wide array of options designed to minimize maintenance requirements and optimize emergency lighting performance. Designed for indoor installation in commercial or industrial applications for use with LED, fluorescent, compact fluorescent, incandescent and HID lamp loads up to 17.5kVA/kW.

DUAL-LITE®

Features:

- Uninterruptible emergency AC power system
- No break design transfers the load instantaneously when normal power is interrupted
- 90 minute emergency operation supplied standard
- Single-phase
- Input Voltage: 120VAC, 208VAC, 240VAC, 277VAC or 347VAC
- Output Voltage: 120VAC, 240VAC, 120/208VAC, 120/240VAC, 120/277VAC, 277 VAC or 347VAC
- Sizes available from 1.0 KVA/KW through 17.5 KVA/KW

Applications:

- Network Operations Centers
- Data Center Operations (Computer Room, Server Areas and UPS Areas)

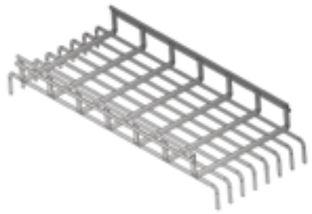
Cable & Wire Management

Under-Floor Wire Basket Tray

Hubbell's wire basket system meets specific requirements for commercial controlled interior environments and data centers. Wire basket systems help save labor and minimize waste, while reducing impact to the environment.

The raised access floor system ships as a complete unit, eliminating the need to locate and assemble components. Hubbell wire basket systems are available in overhead and raised floor applications.

HUBBELL Premise Wiring



Features:

- T-weld construction prevents snags
- 5mm round wire on smaller sizes
- High load rating
- 100% recycled steel
- Use factory support hardware or fabricate supports on the job site
- 2" x 4" mesh opening
- Painted tray includes factory installed masking to assure proper grounding at splices; no need to remove paint during installation

Applications:

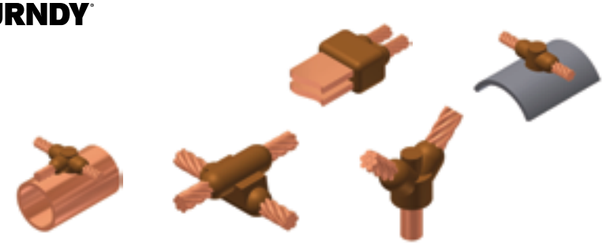
- Network Operations Centers
- Data Center Operations (Computer Room, Server Areas)

Grounding & Bonding

thermOweld Cathodic Protection

The thermOweld® permanent-connection process is engineered for and easy and efficient field welding system. No outside power, bulky gas tanks or other equipment associated with welding is required with the thermOweld system. Any field installer or contractor can use our high-grade graphite molds designed and produced in thermOweld's CNC manufacturing operations.

BURNDY®



thermOweld Cathodic Protection:

Type	Description
CC	Cable to Cable Connection.
CR	Cable to Ground Rod Connection
RR	Ground Rod to Ground Rod Connection.
CS	Cable to Steel Connection.
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RRE	Cable to Rebar Connection.

Applications:

- Data Center Operations (Computer Room, Server Areas and UPS Areas)
- Power/Renewable Energy

Transformers

Dry Type Distribution Transformer T253012S

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Acme Electric®

Features:

- Single Phase, 240X480 - 120/240V, 2kVA
- Quite operation with sound levels below NEMA standards
- Electrostatic shield for enhanced protection

Applications:

- Common and Public Spaces
- Data Center Operations (Computer Rooms, Server Rooms and UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking

Buck-Boost Transformer

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Applications:

- Common and Public Spaces
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking

UPS Room (Overhead)

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- Can be used in three phase applications

Applications:

- Common and Public Spaces
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking

UPS Room (Operation Space)

Lighting & Lighting Controls

PowerHUBB™ PoE Lighting & Control

Hubbell Control Solutions' PowerHUBB™ platform provides building owners and lighting practitioners with a fully integrated, end-to-end, intelligent PoE network leveraging the Internet of Things (IoT) to future-proof buildings through a highly scalable, digital ceiling platform. Contact us to learn how PowerHUBB's enterprise technology can deliver a clear path for cost-effective smart building deployments and ROI for your applications.

HUBBELL Control Solutions

Features:

- Actionable intelligence -- scales from basic lighting control to advanced cloud based analytics
- Code compliance made easy -- delivers a system designed to meet the latest requirements of ASHRAE, IECC and Title 24 energy codes
- Simple and flexible deployment -- installations reduce material and labor cost by using a single Cat5e/6 connection for power and communication
- Enhanced energy savings -- implementing advanced energy management tools, automation access and open Application Programming Interface (API) drives scalable and aggressive control strategies across building environments

Applications:

- Exterior and Parking (Indoor)

Wiring Devices

Extra Heavy Duty Receptacles

Hubbell's HBL Extra Heavy Duty receptacles are designed for superior impact resistance, greater heat and corrosion resistance, and reduced stripping. They offer superior electrical, thermal and mechanical properties while providing the safest, most reliable design for a low resistance flow of fault currents and fast, easy installation. Extra Heavy Duty receptacles are available as 15 and 20 Amp devices in either duplex, single or weather resistant version.

HUBBELL Wiring Device-Kellems

HBL® Extra Heavy Duty Industrial Series

Rating	Color	Duplex	Weather Resistant	Single
15A 125V	Brown	HBL5262	HBL5262WR	HBL5261
	Black	HBL5262BK	HBL5262BKWR	HBL5261BK
	Ivory	HBL5262I	HBL5262IWR	HBL5261I
20A 125V	Brown	HBL5362	HBL5362WR	HBL5361
	Black	HBL5362BK	HBL5362BKWR	HBL5361BK
	Ivory	HBL5362I	HBL5362IWR	HBL5361I

Compression Tap Connectors

Burndy® Compression Tap Connectors are used for routing power or voltage drop applications.

Color code system matches installation die color coding. Clear cover is used to allow for visual inspection after installation. Accommodates greater wire range with a single connector. Some designs accommodate more than one tap connection. Can be used for voltage drop applications.

BURNDY

Features:

- Copper wire connector
- Accommodates Copper Code Class B (Concentric, Compressed, Compact) or Class C wire and copper flex. See product details for specific wire classes.
- Electro-tin Plated for added corrosion resistance.
- Color coded markings
- Comes with clear cover
- UL Listed *with Burndy Engineered System
- CSA Certified to C22.2

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Modular or Prefab Data Centers
- Power/Renewable Energy

Compression Terminal Connectors

Burndy® Compression Terminal Connectors are used for terminating power.

Inspection window allows for full wire insertion examination. Two hold mounting pad provides extra fastening strength. Long barrel with additional crimps allows for stronger mechanical connection strength. Color code system matches installation die color coding. Barrel ink bands identify the crimp zone and approximate crimp locations.

BURNDY

Features:

- Copper wire connectors
- Two hole mounting pad
- Electro-tin plated
- Clear markings on pad and barrel
- Accommodates Copper Code Class B (Concentric, Compressed, Compact) or Class C wire and copper flex

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Modular or Prefab Data Centers
- Power/Renewable Energy

Dry Type Distribution Transformer T3075K0013B

Acme Electric's three phase dry-type distribution transformers operate quietly with sound levels below NEMA standards. Units are manufactured with high quality electrical steel cores for high strength and durability.

Acme Electric®

Features:

- Three Phase, 480Δ - 208Y/120V, 75kVA
- Quite operation with sound levels below NEMA standards
- 3R Compliant -- all new units ship with weather shields installed
- Primary and secondary terminals come standard with lugs (up to 112.5kVA) for quicker, easier connections
- Aluminum winding provide increased insulation life, cooler operation, and lower losses
- Enclosure sizes of DOE 2016 units are identical to TP-1 sizes

Applications:

- Data Center Operations (UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking
- Power/Renewable Energy

Dry Type Distribution Transformer T253012S

Acme Electric offers a large selection of dry-type distribution transformers. Ranging from 600 Volt and below, in both Single and Three Phase, you're sure to find the right one for your needs.

Acme Electric®

Features:

- Single Phase, 240X480 - 120/240V, 2kVA
- Quite operation with sound levels below NEMA standards
- Electrostatic shield for enhanced protection

Applications:

- Common and Public Spaces
- Data Center Operations (Computer Rooms, Server Rooms and UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking

Non Linear Load Transformer

Acme Electric's non-linear load transformers protect equipment on the line and prevent damage caused by harmonic currents.

Special winding techniques minimize eddy current losses generated by harmonic currents and a double-sized neutral conductor handles the excessive neutral current found in non-linear load applications.

Features:

- Three Phase, 480Δ - 208Y/120V, 75kVA, K13
- Available in K-factors of 4, 13 and 20 (consult factory for other K-factors)
- 3R Compliant
- All new units ship with weather shields installed (easily be removable)
- Primary and secondary terminals come standard with lugs (up to 112.5kVA) for quicker, easier connections

Applications:

- Data Center Operations (UPS Areas)
- Electrical and Mechanical Areas
- Power/Renewable Energy

Panel-Tran Zone Power Center

Zone power centers combine an Acme-encapsulated distribution transformer with a power panel assembly in one convenient UL-3R enclosure -- for indoor/outdoor or service entrance equipment applications.

Features:

- Single Phase, 480 - 120/240V, 15kVA, Snap In Breakers
- Fully compliant with NEC 450-3
- Electrostatic shield for enhanced protection
- Primary and Secondary main circuit breakers provided

Applications:

- Data Center Operations (UPS Areas and Server Areas)
- Electrical and Mechanical Areas
- Exterior and Parking
- Power/Renewable Energy

Harmonic Mitigating Transformer

Acme Electric harmonic mitigating transformers use a time-proven zig-zag connection in the secondary circuit to cancel triplen harmonics and eliminate overheating and other problems associated with non-linear loads. This technology results in cooler operation, cleaner power and provides a more energy efficient means of dealing with harmonic problems as compared to traditional non-linear or K-rated transformers.

Features:

- Three Phase, 480Δ - 208Y/120V, 30kVA
- Reduces supply voltage flat topping
- Improves overall power factor of supply system
- Suitable for K Factor loads
- Electrostatic shield for enhanced protection

Applications:

- Data Center Operations (UPS Areas)
- Electrical and Mechanical Areas
- Power/Renewable Energy

Medium Voltage Transformer

Acme Electric medium voltage dry-type transformers are air cooled by natural convection, eliminating the principal hazards associated with liquid-filled transformers and the need for expensive fireproof vaults and venting systems for toxic gas.

Theses units are generally smaller, lighter, and easier to maintain than liquid-filled transformers, requiring only occasional cleaning and inspection. Units are encased in a ventilated steel enclosure with no exposed live parts, ideal for installation in buildings including hospitals, theaters, schools, office buildings, and factories.

Features:

- Three Phase, 4160Δ - 208Y/120V, 75kVA
- Lower operating cost over Liquid-filled
- No additional fireproofing or venting
- Long life expectancy
- Smaller, lighter easy to maintain

Applications:

- Data Center Operations (UPS Areas)
- Electrical and Mechanical Areas
- Power/Renewable Energy

Transformers

Buck-Boost Transformer

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Applications:

- Common and Public Spaces
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking

UPS Room (Operation Space)

UPS Room (Operation Space)

UPS Room (Below Floor)

CFP Edge-Lit Flat Panel

The CFP offers edge-lit LED technology in a sleek, modern, flat panel design. Light classrooms, offices, medical facilities, cleanrooms and general public spaces using edge-to-edge illumination, without pixelation or bright spots. Switchable Lumen technology creates built-in versatility; choose between three configuration options for the right output with one easy switch.

Columbia LIGHTING

Features:

- Switchable Lumen technology: 5500/4100/3400 lumens (1x4, 2x4) 4000/3300/2800 lumens (2x2)
- 80 CRI
- 0-10V dimming to 10%
- Recessed, surface or cable mount
- Universal voltage (120-277V)
- IC rated
- Suitable for ISO Class 5-9 positive pressure cleanrooms
- DLC® (DesignLights Consortium) Qualified, with some premium qualified configurations - see www.designlights.org

Applications:

- Network Operations Centers
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CBT Back-Lit Troffer

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Applications:

- Office and Meeting Spaces

Lighting & Lighting Controls

CRW Round Wrap

The CRW is a versatile LED round wrap with decorative end caps and features field Switchable Lumen & CCT technology.

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- Switchable CCT technology: 3500/4000/5000K
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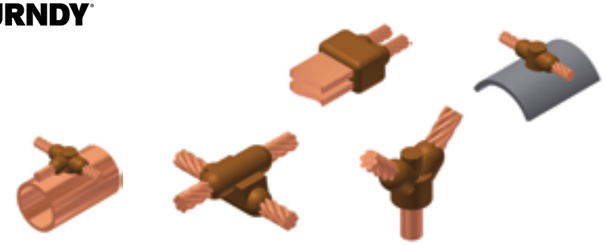

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Transformers

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Modular Data Center

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Columbia LIGHTING

Features:

- Switchable Lumen technology: 4400/3300/2750 lumens (1x4 and 2x2) 5500/4400/3300 lumens (2x4)
- 80 CRI
- 0–10V dimming to 10%
- Recessed or surface mount
- Universal voltage (120–277V)
- IC rated
- Smooth even illumination across the face of the luminaire
- Acrylic micro-optics over each LED provide edge-to-edge illumination
- DLC® (DesignLights Consortium) Qualified. Please refer to DLC website for specific product qualification at www.designlights.org

Applications:

- Office and Meeting Spaces

CRW Round Wrap

The CRW is a versatile LED round wrap with decorative end caps and features field Switchable Lumen & CCT technology.

Columbia LIGHTING

Features:

- Switchable Lumen technology: 3900/4800/5500 lumens
- Switchable CCT technology: 3500/4000/5000K
- Up to 153 lumens per watt
- 80 CRI
- 0-10V dimming to 10%
- Universal voltage (120-277V)
- Acrylic lens for superior efficiency resistance to UV aging
- Magnetic endcaps to eliminate light leaks
- Fully assembled for quick installation

Applications:

- Office and Meeting Spaces

LSN D Series

The LSN D Series central lighting inverter provides a centralized solution to emergency lighting and power back-up with a wide array of options designed to minimize maintenance requirements and optimize emergency lighting performance. Designed for indoor installation in commercial or industrial applications for use with LED, fluorescent, compact fluorescent, incandescent and HID lamp loads up to 17.5kVA/kW.

DUAL-LITE®

Features:

- Uninterruptible emergency AC power system
- No break design transfers the load instantaneously when normal power is interrupted
- 90 minute emergency operation supplied standard
- Single-phase
- Input Voltage: 120VAC, 208VAC, 240VAC, 277VAC or 347VAC
- Output Voltage: 120VAC, 240VAC, 120/208VAC, 120/240VAC, 120/277VAC, 277 VAC or 347VAC
- Sizes available from 1.0 KVA/KW through 17.5 KVA/KW

Applications:

- Network Operations Centers
- Data Center Operations (Computer Room, Server Areas and UPS Areas)

Extra Heavy Duty Receptacles

Hubbell's HBL Extra Heavy Duty receptacles are designed for superior impact resistance, greater heat and corrosion resistance, and reduced stripping. They offer superior electrical, thermal and mechanical properties while providing the safest, most reliable design for a low resistance flow of fault currents and fast, easy installation. Extra Heavy Duty receptacles are available as 15 and 20 Amp devices in either duplex, single or weather resistant version.

HUBBELL Wiring Device-Kellems

HBL® Extra Heavy Duty Industrial Series

Rating	Color	Duplex	Weather Resistant	Single
15A 125V	Brown	HBL5262	HBL5262WR	HBL5261
	Black	HBL5262BK	HBL5262BKWR	HBL5261BK
	Ivory	HBL5262I	HBL5262IWR	HBL5261I
20A 125V	Brown	HBL5362	HBL5362WR	HBL5361
	Black	HBL5362BK	HBL5362BKWR	HBL5361BK
	Ivory	HBL5362I	HBL5362IWR	HBL5361I

Hubbell Insulgrip Twist-Lock® Locking Devices

Hubbell Twist-Lock devices, available in 15, 20, and 3 Amp, are the industry standard for locking plugs and receptacles. The plug and connector feature a powerful cord grip that clamps the conductors, not just the cable jacket, making it the most powerful cord grip in the industry. The tough ribbed nylon housing provides secure gripping while ensuring impact and corrosion resistance. An individually molded face for each blade configuration keeps debris out of the plug while the dust shield provides additional protection from contamination. Hubbell also offers a variety of Twist-Lock receptacles that combine functional design and features for secure and easy mating. Only Twist-Lock delivers premium service and longer life while keeping electrical connections connected.

HUBBELL Wiring Device-Kellems

Hubbell Twist-Lock® Locking Devices

NEMA Rating Color Coded by Voltage		Poles/Wires	Plug	Connector	Receptacle
15A 125V	L5-15	2P/3W	HBL4720C	HBL4729C	HBL4710
20A 125V	L5-20	2P/3W	HBL2311	HBL2313	HBL2310
20A 250V	L6-20	2P/3W	HBL2321	HBL2323	HBL2320
20A 3Ø 250V	L15-20	3P/4W	HBL2421	HBL2423	HBL2420
20A 3Ø 480V	L16-20	3P/4W	HBL2431	HBL2433	HBL2430
30A 3Ø 250V	L15-30	3P/4W	HBL2721	HBL2723	HBL2720
30A 3Ø 480V	L16-30	3P/4W	HBL2731	HBL2733	HBL2730

Compression Tap Connectors

Burndy® Compression Tap Connectors are used for routing power or voltage drop applications.

Color code system matches installation die color coding. Clear cover is used to allow for visual inspection after installation. Accommodates greater wire range with a single connector. Some designs accommodate more than one tap connection. Can be used for voltage drop applications.

BURNDY

Features:

- Copper wire connector
- Accommodates Copper Code Class B (Concentric, Compressed, Compact) or Class C wire and copper flex. See product details for specific wire classes.
- Electro-tin Plated for added corrosion resistance.
- Color coded markings
- Comes with clear cover
- UL Listed *with Burndy Engineered System
- CSA Certified to C22.2

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Modular or Prefab Data Centers
- Power/Renewable Energy

Compression Terminal Connectors

Burndy® Compression Terminal Connectors are used for terminating power.

Inspection window allows for full wire insertion examination. Two hold mounting pad provides extra fastening strength. Long barrel with additional crimps allows for stronger mechanical connection strength. Color code system matches installation die color coding. Barrel ink bands identify the crimp zone and approximate crimp locations.

BURNDY

Features:

- Copper wire connectors
- Two hole mounting pad
- Electro-tin plated
- Clear markings on pad and barrel
- Accommodates Copper Code Class B (Concentric, Compressed, Compact) or Class C wire and copper flex

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Modular or Prefab Data Centers
- Power/Renewable Energy

PAT644LI Battery Actuated Crimping Tool

Burndy® PATRIOT battery actuated crimping tool—hydraulic self contained with 11 ton output force, 6 awg-1000 kcmil copper, 6 awg-750 kcmil aluminum, dieless, 18V lithium ion.

Overmolded handle for comfort and improved grip -- provides one-handed operation for advance, retract and hold.

BURNDY

Features:

- Dieless system eliminates the need to purchase and maintain dies and allows connectors and splices to become range taking 355° head rotation
- 18V lithium-ion batteries provide 2.5 times more charge/discharge cycles than traditional ni-cad batteries and 430 percentage more lifetime work
- 5-year limited warranty on tool
- 3-year on batteries
- 1-year warranty on the charger

Applications:

- Data Center Operations (Computer Rooms)

PAT750LI Battery Actuated Crimping Tool

Burndy® PATRIOT 12-ton, c-head, hydraulic self-contained battery actuated crimping tool, 18v 3.0ah li-ion, 120V AC charger.

Refined hydraulic system for ultra performance, speed and reliability. Field proven electronics for ultimate reliability in the harshest environments.

BURNDY

Features:

- True one-handed operation for advance, retract, and hold
- 12 ton output force
- State of the art crimping head design, 360° head rotation
- Ergonomically balanced tool design
- Durable high-impact formed carrying case
- 5-year limited warranty on tool
- 3-year warranty on battery and charger
- lifetime warranty on INFINITY DRIVE®

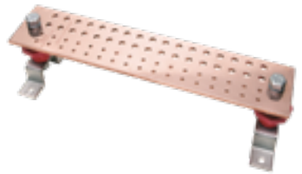
Applications:

- Data Center Operations (Computer Rooms)

Bus Bars

Ideal as a common grounding point in a data center, the UL Listed BURNDY® bus bar is available in a 12-inch and 24-inch undrilled model, which can be custom made in the field. In addition, two bus bars have been specifically designed to be mounted either vertically or horizontally to an equipment rack used to support computer equipment.

BURNDY



Features:

- Bare copper busbar
- UL Listed for grounding
- Available In various sizes and hole patterns
- Brackets and Insulators included with most styles
- May be used as a common ground point and power applications

Applications:

- Data Center Operations

Flexible Braid

Braid assemblies are referred to by many names including shunts and power shunts to grounding jumpers, busbar connections, flexible leads, bonding straps, cable jumpers and flexible gate jumpers.

Burndy can help determine the type of braid that will work best for your application and provide the appropriate solution to customize your order. Count on our Customer Service Representatives for assistance and take advantage of our 90 years of experience in the electrical industry.

BURNDY

BURNDY® Braid

Features:

Burndy Braid Assemblies are an economical and efficient means of protecting electrical equipment from the potentially harmful effects of:

- Shock and vibration
- Terminal or connection area expansion due to temperature changes
- Movement of components
- Misalignment that may occur during the service life of electrical equipment and machinery
- Seasonal movement of outdoor equipment (common in substations)

Applications:

- Data Center Operations (Computer Rooms)
- Modular or Prefab Data Centers

Cold Shrink Products

Burndy's Cold Shrink Products are a quick and reliable way to insulate connectors, add inspectability and save labor costs.

BURNDY

Cold Shrink Products:

Type	Description
	Burndy clear cold shrink tubing is a quick, reliable way to insulate connectors, add inspectability and save labor costs.
CCSC110600 **CCSC146600** **CCSC200600**	• Dielectric strength • Mechanical Protection • Abrasion Protection • Cable Insulation
	Burndy cold applied splice sealing products are made of specially formulated silicone rubber and offer excellent insulation and moisture proof sealing for in-line cable connector systems or elbow to cable jacket applications. The rubber sleeves are factory expanded and held over a removable, plastic rip core housing. Type CSJ also includes a mastic seal. Operating temperature range: -40°C to 105°C. Meets ANSI C119.1-1986.
CSB037800SR1 **CSB051900SR1** **CSB097900SR1** **CSB0971200SR1** **CSB125900SR1** **CSB163900SR1** **CSJ**	• Easy, safe installation • Suitable for a wide range of cable sizes • UV resistance, thermal stability • No special tools or training required • Forms a moisture proof seal • Superior, time-saving insulation technology • Indoor and outdoor applications

Penetrox Oxide Inhibitor

All Penetrox compounds contain homogeneously suspended metal particles. These suspended metal particles assist in penetrating thin oxide films, act as electrical “bridges” between conductor strands, aid in gripping the conductor, improve electrical conductivity and enhance the integrity of the connection.

BURNDY

Features:

- Produces low initial contact resistance
- Seals out air and moisture
- Prevents oxidation or corrosion
- Exhibitx superior weathering characteristics
- Usable over wide temperature ranges
- Provides a high conductivity “gastight” joint

Applications:

- Data Center Operations (Computer Room)
- Telecommunications Room
- Electrical and Mechanical Areas
- Power/Renewable Energy

HYGROUND® YG-B Series Bus Bar Connector

This connector allows a ground conductor to be easily attached to busbar or steel with thickness of 1/8" to 1/4" and a wire range of 1/0 to 4/0.

BURNDY

Features:

- Uses 1 or 2 conductors for power, grounding and bonding applictions
- UL486 And UL467 Listed
- Suitable for direct burial

Applications:

- Data Center Operations (Computer Room)

Ground Connectors

Burndy offers several types of raised floor grounding connectors, designed especially for the data center industry.

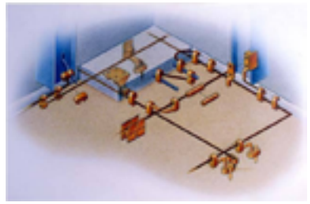
BURNDY

Connector Type	Description
GC-CT Cabletray Ground Clamp	Made of tin-plated cast copper alloy this clamp accommodates one or two conductors and copper or aluminum cable. Suitable for direct burial in concrete or earth.
GAR Parallel or 90° Copper Cable Connection to Rod or Pipe	High copper alloy ground connector to joins a range of cable at parallel or at right angles to rod or tube. Suitable for direct burial in concrete or earth.
BTCGC Ground Tray Clamp	Aluminum construction, suitable for outdoor applications. Can be used with most types of cable trays with inside or outside flanges. Accommodate a wide range of ground wire sizes.
GB, GBM Ground Connector Copper Cable to Bar	High copper alloy connector to join a range of cable to 1/4" thick bar with one-wrench installation. Type GB separates cable from bar, GBM clamps cable directly on bar surface. UL467 Listed. Suitable for direct burial in concrete or ground.
KS SERVIT® for Copper	Compact, high strength, high copper alloy SERVIT® split-bolt has free-running threads and easy to grip wrench flats. UL467 Listed for direct burial applications in earth or concrete.

HYGROUND® Compression Grounding

BURNDY's irreversible compression ground system meets the most stringent safety and performance requirements, including those of OSHA and nuclear power plant design. Performance excellence and long life expectancy are the system's basic design guidelines.

BURNDY



Features:

This complete system includes:

- Connectors for grid cross connections
- Taps
- Splices
- Cable to ground rod
- Ground plates
- Terminations

Applications:

- Data Center Operations (Computer Room)
- Telecommunications Room
- Power/Renewable Energy

Grounding and Bonding Systems

The grounding network in any building is responsible for directing electricity, static noise and built up charges to an outside discharge away from people and equipment.

Burndy's grounding products are designed around the ANSI-J-STD-607-B, Commercial Building, Grounding (Earthing) and Bonding requirements for telecommunications. This standard specifies the requirements for a uniform telecommunications grounding and bonding infrastructure that shall be followed within commercial buildings where telecommunications equipment will be installed.

BURNDY

Grounding and Bonding Systems:

Item	Description	Catalog No.
Compression Lugs	Long barrel with inspection window; available in 6 AWG up to 750 kcmil	**YAZxxxx**
Busbars	Copper or tin plated copper	**BBBxxxx**
Raised Floor Grounding Clamps	In parallel or grid mesh bonding applications	**GPxxxx**
Compression Taps	Copper C-Taps or tin plated copper H-Taps	**YCxxxx**

On Rail Busbar Grounding Kits

BGRK grounding kits offer conveniently packaged components which simplify the decision making process at material acquisition and installation on the job site. These grounding kits bundle the same quality UL listed connectors with value-adding components such as: conductor, installation hardware, oxide inhibitor, labeling and installation instructions.

Includes:
- 3/4" x 19" busbar
- Busbar hardware kit
- 60" #6 AWG conductor
- YAZ6C2TC14 HYDENT™ terminal (pre crimped to conductor on one side)
- 8" Black Hook & Loop Cable Fastener (10 pieces)
- ESD Port Kit
- ESD Identification Label
- Additional Labeling
- 1/2 ounce PENETROX™ A oxide inhibitor

BURNDY

Features:

- Conveniently packaged for ease of procurement and installation
- Comprised of UL listed components
- Wire brush free when installed with telecom WEEB® washer
- TIA607 compliant

Applications:

- Data Center Operations (Computer Room)

In-Cabinet Busbar Grounding Kits

BGRK grounding kits offer conveniently packaged components which simplify the decision making process at material acquisition and installation on the job site. These grounding kits bundle the same quality UL listed connectors with value-adding components such as: conductor, installation hardware, oxide inhibitor, labeling and installation instructions.

Includes:
- 36" busbar
- Busbar hardware kit
- 60" #6 AWG conductor
- YAZ6C2TC14 HYDENT™ terminal (pre-crimped to conductor on one side)
- 8" Black Hook & Loop Cable Fastener (10 pieces)
- ESD Port Kit
- ESD Identification Label
- Additional Labeling
- 1/2 ounce PENETROX™ A oxide inhibitor

BURNDY

Features:

- Conveniently packaged for ease of procurement and installation
- Comprised of UL listed components
- Wire brush free when installed with telecom WEEB® washer
- TIA607 compliant

Applications:

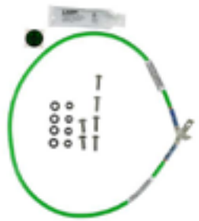
- Data Center Operations (Computer Room)

Ground Conductor/ Jumper Kit

BGRK grounding kits offer conveniently packaged components which simplify the decision making process at material acquisition and installation on the job site. These grounding kits bundle the same quality UL listed connectors with value-adding components such as: conductor, installation hardware, oxide inhibitor, labeling and installation instructions.

Includes:
- 30" #6 AWG conductor
- YAZ6C2TC14 HYDENT™ terminal pre crimped to one end of conductor
- YAZ6C2TC1490 HYDENT™ terminal pre-crimped to the other end of conductor
- 1/2 ounce PENETROX™ A oxide inhibitor
- Hardware Kit
- Labeling

BURNDY



Features:

- Conveniently packaged for ease of procurement and installation
- Comprised of UL listed components
- Wire brush free when installed with telecom WEEB® washer
- TIA607 compliant

Applications:

- Data Center Operations (Computer Room)

BGRKTD9D Ground Conductor/Jumper Kit

BGRK grounding kits offer conveniently packaged components which simplify the decision making process at material acquisition and installation on the job site. These grounding kits bundle the same quality UL listed connectors with value-adding components such as: conductor, installation hardware, oxide inhibitor, labeling and installation instructions.

Includes:
- 9" #6 AWG conductor
- YAZ6C2TC14 HYDENT™ terminals pre crimped to each end of conductor
- 1/2 ounce PENETROX™ A oxide inhibitor
- Hardware KitLabels for conductor
- Ground Symbol Label

BURNDY

Features:

- Conveniently packaged for ease of procurement and installation
- Comprised of UL listed components
- Wire brush free when installed with telecom WEEB® washer
- TIA607 compliant

Applications:

- Data Center Operations (Computer Room)

BGRKTWB5 Ground Conductor/Jumper Kit

BGRK grounding kits offer conveniently packaged components which simplify the decision making process at material acquisition and installation on the job site. These grounding kits bundle the same quality UL listed connectors with value-adding components such as: conductor, installation hardware, oxide inhibitor, labeling and installation instructions.

Includes:
- 9" #6 AWG Conductor (5 pieces)
- KS23 SERVIT® split bolt connectors (10 pieces)
- Ground wire labeling (5 pieces)
- Ground symbol labeling (5 pieces)

BURNDY

Features:

- Conveniently packaged for ease of procurement and installation
- Comprised of UL listed components
- Wire brush free when installed with telecom WEEB® washer
- TIA607 compliant

Applications:

- Data Center Operations (Computer Room)

Structure (beam) Grounding

The Type GCS connector is used to ground cable to steel in applications where drilling is either not possible or unwanted. Installation of the Type GCS connector requires no power tools and is suitable for all applications particularly where power equipment of any kind is not allowed. The CONSTRICTOR™ GCS series of ground connectors are cULus Listed for Grounding and Bonding.

BURNDY

Features:

- Accepts beam thickness: 0.125 – 0.625" (1/8" to 5/8")
- Conductor range from #6 to 2/0
- Versatile; allows parallel or perpendicular conductor orientation
- Stainless steel hardware
- 5/32" Allen cup point screw penetrates coatings on steel
- No special tooling required
- Applicable for use in “extremely volatile environments”

Applications:

- Data Center Operations (Computer Room and Server Areas)
- Exterior and Parking Structure

PowerHUBB™ PoE Lighting & Control

Hubbell Control Solutions' PowerHUBB™ platform provides building owners and lighting practitioners with a fully integrated, end-to-end, intelligent PoE network leveraging the Internet of Things (IoT) to future-proof buildings through a highly scalable, digital ceiling platform. Contact us to learn how PowerHUBB's enterprise technology can deliver a clear path for cost-effective smart building deployments and ROI for your applications.

HUBBELL Control Solutions

Features:

- Actionable intelligence -- scales from basic lighting control to advanced cloud based analytics
- Code compliance made easy -- delivers a system designed to meet the latest requirements of ASHRAE, IECC and Title 24 energy codes
- Simple and flexible deployment -- installations reduce material and labor cost by using a single Cat5e/6 connection for power and communication
- Enhanced energy savings -- implementing advanced energy management tools, automation access and open Application Programming Interface (API) drives scalable and aggressive control strategies across building environments

Applications:

- Exterior and Parking (Indoor)

WEEB® Two Hole Telecom Washer

The Telecom WEEB® Washer design utilizes patented teeth, eliminating the need to remove nonconductive coatings (e.g. anodization and powder coat) when making bonding connections. The teeth pierce through most nonconductive coatings and embed into the underlying metal, creating a bonding connection between the lug and the coated metal component.

wiley

Features:

- Made from corrosion resistant 304 stainless steel for outstanding durability and performance
- Eliminates the need for surface preparation and oxide inhibitor
- Detailed manual specifying proper hardware, torque, and mounting information is available upon request
- UL 467 Recognized for grounding and bonding equipment

Applications:

- Power/Renewable Energy

CT Series Cable Ties

Burndy® UNIRAP™ cable ties are fabricated of one piece nylon with parts. The straps are tough, resilient, lightweight and abrasion resistant. They offer high tensile strength and are chemically resistive to solvents, alkalides, oils, grease and diluted acids. Self-locking, the secure without twisting or leaving sharp projections.

Organizes wires in all areas of buildings within the walls, ceilings, desk areas, sanitized areas and clean rooms.

BURNDY

Features:

- Nylon 6/6 and nylon 12 cable ties
- Styles include releasable, identification and screw mount
- Bundle diameter range of .06" to 12"
- Tensile strength from 18 lbs. to 250 lbs.

Applications:

- Data Center Telecommunications Room
- Data Center Operations (Computer Rooms)
- Electrical and Mechanical Areas
- Modular or Prefab Data Centers
- Power/Renewable Energy

CTSS Series Cable Ties

Burndy® 304 Stainless Steel ties are designed to secure hoses, cables, poles, pipes, and more when harsh environmental conditions may adversely affect the bundling application. Used where corrosion, vibration, weathering, radiation, and temperature extremes are a concern. Burndy® Stainless Steel ties can be used in virtually any indoor, outdoor, and underground application.

BURNDY

Features:

- 304 Grade Stainless Steel
- Meet the requirements of ABS
- Low profile clamping bearing head with fully adjustable strap accommodates many bundle diameters
- Smooth, rounded edges help ensure safe, efficient handling
- Self-locking steel ball design speeds installation and locks into place at any length
- Provides a strong durable method of cable bundling
- Flame retardant and non-toxic for applications where safety from fire is critical

Applications:

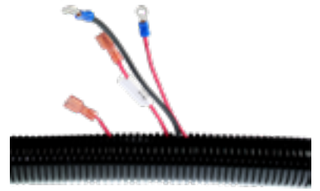
- Telecommunications Room
- Data Center Operations (Computer Rooms)
- Electrical and Mechanical Areas
- Modular or Prefab Data Centers
- Power/Renewable Energy

Split Loom Tubing

Burndy® split loom is for applications where braided tubing or spiral wrap may be difficult to install. Tubing provides full coverage. In harsh applications, the tubing provides resistance to crushing, impact, and abrasion.

Tubing offers excellent protection against automotive fluids, vibration wear, water, snow, ice and the effects of heat, cold, and sunlight on cables and wires.

BURNDY



Features:

- Polyethylene tube construction
- Protection against heat, cold, water, ice and vibration wear
- Protection against crushing, impact and abrasion

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms)
- Electrical and Mechanical Areas

Heat Shrink

Burndy® thin wall and heavy duty heat shrink used in indoor and outdoor applications protects wires and connections for terminals, taps and splice connectors.

BURNDY

Features:

- Cross linked polyolefin construction
- Protects from environments and abrasion
- Used in indoor and outdoor applications
- Clear heat shrink provides inspection of electrical connection, termination or splice
- Standard heat shrink for color coding
- Forms a moisture-proof seal

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms)
- Modular or Prefab Data Centers

Hubbell iSTATION HDMI Connectors

Offering powerful performance, iSTATION HDMI Connectors feature 110 style connections that transport full, high-definition 1080p signals along with flawless audio.

A locking interface ensures a solid connection, and a four-inch connector tail gives added flexibility to applications where capacity may be restricted. Assemblies are E106made to specified lengths, eliminating cable waste and helping with sustainability efforts. When used in conjunction with other iSTATION solutions, Hubbell's HDMI Connectors provide a practical way to deliver AV connections wherever they are needed.

Hubbell Premise Wiring

HDMI 1.4 Connectors

Unit of Measure	Color	HDMI Keystone Feed Thru	HDMI Feed Thru Coupler	HDMI Feed Thru 3-Inch Tail
1 per bag	Black	**SFHC14BK**	**HDMIC14**	**HDMIT14**
	White	**SFHC14W**	—	—

Applications:

- Data Center Operations (Computer Room)

NEXTSPEED® Ascent Category 6A Patch Panels

Hubbell's NEXTSPEED® Ascent Category 6A, Component-Compliant Patch Panels available in both straight and angled versions are the industry's fastest terminating patch panels. The patch panel's zero-crosstalk contact structure provides the highest performance while maintaining true balance to offer 10-Gigabit Ethernet application assurance with 4.5 dB near-end crosstalk margin over TIA-568-C component specifications at 500 MHz. The angled patch panel eliminates the need for horizontal cable management, while the straight versions are available in up to 96 ports in a 4RU footprint.

Hubbell Premise Wiring

NEXTSPEED® Ascent Category 6A Patch Panels

Color	Width Inches (mm)	Height Inches (mm)	Ports	Rack Units	Catalog No.
Black	19" (483)	1.75" (45)	24	1	**HP6A24**
		3.50" (89)	48	2	**HP6A48**
		7.00" 178)	96	4	**HP6A96**
White	19" (483)	1.75" (45)	24	1	**HP6A24W**
		3.50" (89)	48	2	**HP6A48W**
		7.00" (178)	96	4	**HP6A96W**

Note: Versions without cable management bar available as HP6A24E and HP6A48E.

NEXTFRAME Equipment Relay Racks

NEXTFRAME® 2-post Equipment Racks are available with depths of 3" and 6". The racks are used in typical cross connect and data center applications to house patch panels, cable organizers, switches, and other network equipment. When used in conjunction with NEXTFRAME cable management accessories, these racks provide a solution for handling, routing, and organizing cable and optical fiber.

Hubbell Premise Wiring

Features:

- Material: 6063-T2 aluminum rugged construction
- Finish: durable black powder coat or mill finish
- Weight capacity: 1,000lb when secured to floor
- Floor mount racks support 19" EIA-310-D and CEA-310-E rack-mount equipment
- UL Listed – 7N69 Communications Circuit Accessory

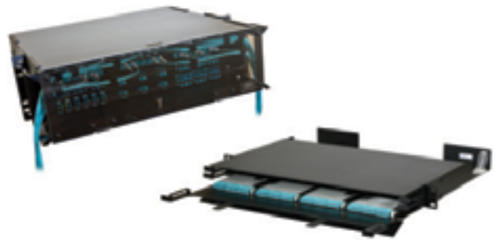
Applications:

- Telecommunications Room
- Data Center Operations (Computer Room and Server Areas)

Hubbell OptiChannel Rack Enclosures

Ideal for data center and telecommunications spaces where proper cable management is critical to network performance, flexibility and scalability, Hubbell's OptiChannel Rack Mount Enclosures enhance the management capabilities of high-density fiber optic connections at the interconnect or cross-connect. With enhanced bend radius control, easy labeling and an inner splice tray with optimum slack storage, OptiChannel features a one-piece removable cover and magnetic door for easy use. They integrate seamlessly with a wide range of panel and cassette options and are available in 1 to 4U sizes to house anywhere from 72 to 360 LC fiber ports.

Hubbell Premise Wiring



High Density 144 Port 1U Enclosures

Rack Units	Color	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Max LC Port Capacity	Catalog No.
1	Black	1.75" (44)	19" (483)	17" (432)	144	**FCRHD1UBK**
1	Gray	1.75" (44)	19" (483)	17" (432)	144	**FCRHD1UGY**

Enhanced Rack Mounted Enclosures

Rack Units	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	FSP Panel Capacity	Splice Tray Capacity	Max LC Port Capacity	Catalog No.
1	1.75" (44)	17" (432)	17" (432)	3	2	72	**FCR1U3SP**
2	3.5" (89)	17" (432)	17" (432)	6	6	144	**FCR2U6SP**
3	5.25" (133)	17" (432)	17" (432)	12	12	288	**FCR3U12SP**
4	7.00" (178)	17" (432)	17" (432)	15	16	360	**FCR4U15SP**

Communications

BIDnet™ Pre-Terminated Assemblies

BIDnet™ (Building Infrastructure Design for Networking) Pre-Terminated Assemblies are ideal for data center applications where speed, accuracy, reliability and performance are required. Assemblies are terminated in environmentally controlled factory conditions. They are 100% tested and certified to reduce installation time and labor associated with termination and on-site certification.

Assemblies are available shielded or unshielded, with multiple configuration options to suit any application.

Hubbell Premise Wiring

Features:

- BIDnet offers a "Green" approach to cabling by providing the exact lengths and number of connections, eliminating unwanted cable waste
- Simplifies installation time by 75%
- Reduces initial installation cost by 30%
- 100% factory tested and assembled
- Mission Critical® 25-year warranty

Applications:

- Data Center Operations

Transformers

Dry Type Distribution Transformer T253012S

Acme Electric offers a large selection of dry-type distribution transformers. Ranging from 600 Volt and below, in both Single and Three Phase, you're sure to find the right one for your needs.

Acme Electric®

Features:

- Single Phase, 240X480 - 120/240V, 2kVA
- Quite operation with sound levels below NEMA standards
- Electrostatic shield for enhanced protection

Applications:

- Common and Public Spaces
- Data Center Operations (Computer Rooms, Server Rooms and UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking

Electrical & Mechanical Areas

Peloton™ High Performance High Bay

Peloton™ High Performance High Bay, next generation of LED High Bays, offers extensive lumen packages, Best in Class efficacy and long life for low total cost of ownership and integrated NX Distributed Intelligence™ lighting control options. Available in narrow or wide distribution, Peloton is perfect for warehouses, gymnasiums and light industrial applications. Peloton can be ordered from stock, through Quick Ship or made-to-order for additional configuration.

Columbia LIGHTING

Features:

- Lumen packages: 8,000 to 60,000 lms
- Uplight options: 1,000 to 4,000 lms
- 150+ LPW standard and with 170+ LPW for High Efficacy option
- -20°C (-4°F) up to 65°C (149°F) ambient operation
- NX Distributed Intelligence™ provides options for standalone and networked integrated sensor with wired or wireless connectivity for NX system deployments
- DLC® (DesignLights Consortium) Qualified, with some Premium Qualified configurations - see www.designlights.org

Applications:

- Electrical and Mechanical Areas

EV Series

The EV Series is a compact architectural emergency lighting unit designed for fast wall mount installation and reliable service. The EV unit is available with or without remote capacity. The EV series includes the EVR 2-head LED indoor remote, and the EVO – single or double-head outdoor remote as an accessory.

DUAL LITE®

Features:

- Standard EV model has 20' spacing, optional -02L model increases spacing to 33' on a 6' path
- High impact, flame rated and UV stable white thermoplastic housing
- The EV series includes the EVR 2-head LED remote as an accessory
- Fully adjustable high output LED lamp-heads
- Environmentally-friendly nickel metal hydride battery
- Top mount conduit entry
- Damp location

Applications:

- Electrical and Mechanical Areas
- Common and Public Spaces
- Corridors and Stairwells
- Office and Meeting Spaces

EVC Series

The EVC Series is a compact architectural LED combination exit and emergency lighting unit designed for fast installation and reliable service.

Features:

- High impact, flame rated and UV stable white thermoplastic housing
- Fully aimable, dual-ratcheting high output LED lamp-heads
- UL 924 Listed (optional damp location listed)
- US Patent Pending
- Optional: Self-Test/Self-Diagnostics
- Optional: VRS3 - Vandal Resistant Shield
- Remote capacity models have a minimum run-time of 120 minutes when no remotes are installed

Applications:

- Electrical and Mechanical Areas
- Common and Public Spaces
- Corridors and Stairwells
- Office and Meeting Spaces

LSN D Series Inverters

The LSN D Series central lighting inverter provides a centralized solution to emergency lighting and power back-up with a wide array of options designed to minimize maintenance requirements and optimize emergency lighting performance. Designed for indoor installation in commercial or industrial applications for use with LED, fluorescent, compact fluorescent, incandescent and HID lamp loads up to 17.5kVA/kW.

Features:

- Uninterruptible emergency AC power system
- No break" design transfers the load instantaneously when normal power is interrupted
- 90 minute emergency operation supplied standard
- Single-phase
- Input Voltage: 120VAC, 208VAC, 240VAC, 277VAC or 347VAC
- Output Voltage: 120VAC, 240VAC, 120/208VAC, 120/240VAC, 120/277VAC, 277 VAC or 347VAC
- 60 Hz operation
- Sizes available from 1.0 KVA/KW through 17.5 KVA/KW
- Wide selection of output circuit breaker choices

Applications:

- Electrical and Mechanical Areas

SE Series

Exit sign construction is of high-strength cast aluminum in a choice of textured white, white with brushed face, black or black with brushed face finish.

Features:

- 5-minute installation
- High-strength cast aluminum
- Long-life LED lamps
- Red or green letter models
- Universal single/double face
- White, black and black or white with brushed face finishes
- Universal end/ceiling/wall mounting
- 120/277 VAC operation, 60 Hz operation

Applications:

- Parking (Indoor) and Exterior

PowerHUBB™ PoE Lighting & Control

Hubbell Control Solutions' PowerHUBB™ platform provides building owners and lighting practitioners with a fully integrated, end-to-end, intelligent PoE network leveraging the Internet of Things (IoT) to future-proof buildings through a highly scalable, digital ceiling platform. Contact us to learn how PowerHUBB's enterprise technology can deliver a clear path for cost-effective smart building deployments and ROI for your applications.

Features:

- Actionable intelligence -- scales from basic lighting control to advanced cloud based analytics
- Code compliance made easy -- delivers a system designed to meet the latest requirements of ASHRAE, IECC and Title 24 energy codes
- Simple and flexible deployment -- installations reduce material and labor cost by using a single Cat5e/6 connection for power and communication
- Enhanced energy savings -- implementing advanced energy management tools, automation access and open Application Programming Interface (API) drives scalable and aggressive control strategies across building environments

Applications:

- Exterior and Parking (Indoor)

inSIGHT™ Data Monitoring Systems

Hubbell's line of intelligent Data Monitoring devices provide data directly at the point of use for analytics while helping to predict potential process changes. Important power and environmental data provided ranges from revenue grade billable metering, voltage, power, and internal device temperature.

inSIGHT™ Data Monitoring Systems:

Catalog Number	Description
HBL460C9WDMUS1	Data Monitoring, Heavy Duty Products, IEC Pin and Sleeve Devices, Industrial Grade, Female Connector Body, 60A 3-Phase Delta 250V AC, 3-Pole 4-Wire Grounding, Terminal Screws, Blue, Watertight
HBLGW0400MLUS1	Gateway,30 Node, MODBUS TCPIP, US1

Extra Heavy Duty Receptacles

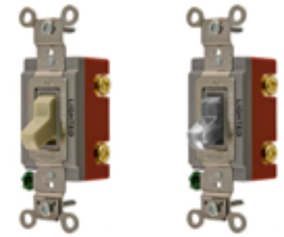
Hubbell's HBL Extra Heavy Duty receptacles are designed for superior impact resistance, greater heat and corrosion resistance, and reduced stripping. They offer superior electrical, thermal and mechanical properties while providing the safest, most reliable design for a low resistance flow of fault currents and fast, easy installation. Extra Heavy Duty receptacles are available as 15 and 20 Amp devices in either duplex, single or weather resistant version.

HBL® Extra Heavy Duty Industrial Series

Rating	Color	Duplex	Weather Resistant	Single
15A 125V	Brown	**HBL5262**	**HBL5262WR**	**HBL5261**
	Black	**HBL5262BK**	**HBL5262BKWR**	**HBL5261BK**
	Ivory	**HBL5262I**	**HBL5262IWR**	**HBL5261I**
20A 125V	Brown	**HBL5362**	**HBL5362WR**	**HBL5361**
	Black	**HBL5362BK**	**HBL5362BKWR**	**HBL5361BK**
	Ivory	**HBL5362I**	**HBL5362IWR**	**HBL5361I**

Illuminated Toggle Switches

Hubbell's Illuminated Toggle Switches are perfect for hospital environments due to their rugged construction and heavy-duty nylon toggle. The toggle not only resists abuse and damage from chemicals, but also illuminates when the switch is in the OFF position. Available in 15A or 20A, and in single-pole or three-way configurations, Illuminated Toggle Switches can be used in applications where lights need to be controlled from two points. Offered in ivory or clear, the switches also feature back and side wire entrance points that accept two wires for feed-through capability.



Illuminated Toggle Switches

Description	Toggle Color	Rating	15A 125V	20A 125V
Nylon toggle, back and side wired	Ivory	15A 120-277V AC	**HBL1201IL**	**HBL1203IL**
	Ivory		**HBL1221IL**	**HBL1223IL**
	Clear	20A 120-277V AC	**HBL1221ILC**	**HBL1223ILC**
	Red		**HBL1221ILR**	—

Manual Motor Controls

Enhance safety and increase your confidence with Hubbell's motor controllers and disconnects. Because our Circuit-Lock motor controllers are also disconnects, you get the safety, flexibility, compliance and productivity you need for industrial applications and motor controls. Hubbell motor control devices are also available for use with Hubbell LINKOSITY® modular plug-and-play power distribution system.

Manual Motor Controllers

Description	Double Pole	Three Pole
30A motor controller	**HBL7832D**	**HBL7810D**
In Type 1 enclosure; non-metallic cover	**HBL1392D**	**HBL1389D**
In metal Type 1 enclosure	**HBL1372D**	**HBL1379D**
In NEMA 3R non-metallic enclosure	**HBL13R22D**	**HBL13R23D**
In metal Type 3R enclosure	**HBL13R92D**	**HBL13R89D**
In NEMA 3R flip lid enclosure	**HBL13R12D**	**HBL13R13D**
60A motor controller	**HBL7862D**	**HBL7863D**

Heavy Duty Pendant Pushbutton Stations

Suitable for the toughest environments, Hubbell's Heavy-Duty Pendant Pushbutton Stations are used to control circuit operation of electric motor hoists and other machinery. With high-impact resistance and a sealing ring that shuts out dust and moisture, the enclosure is ideal for any high-use industrial application. A mechanical interlock feature prevents simultaneous activation of both buttons. Pendant pushbutton stations are available in single or two speed, with two-, four-, six-, or eight-button configurations.

PBS Series Heavy Duty Pendant Pushbutton Stations, NEMA 3R

Description	Catalog No.
2 button, single speed	**PBS2**
2 button, two speed	**PBS22**
4 button, single speed	**PBS4**
4 button, two speed	**PBS42**
6 button, single speed	**PBS6**
6 button, two speed	**PBS62**
8 button, single speed	**PBS8**
8 button, two speed	**PBS82**

CPB2 Series Compact Pendant Stations, Two Button, NEMA 4X

Description	Catalog No.
Single-speed normally open normally closed without mechanical interlock	**CPB20**
Single-speed with mechanical interlock between pushbuttons	**CPB21**
Two-speed with mechanical interlock between pushbuttons	**CPB22**

Kellems® Support Grips

Kellems® Support Grips from Hubbell hold the weight of a variety of cables as they hang in vertical, sloping or horizontal positions, preventing excessive strain or pullout at the connections that can result in a power failure. Available in light, standard and heavy duty, Kellems Support Grips feature a strand equalizer that positions the cable for equal loading throughout the entire grip for maximum performance and reliability. Kellems support grips also absorb strain from flexing, vibration, and expansion and contraction. They are available in four eye styles, including single, double, universal and offset.

Support Grips

Cable Diameter Range Inches (cm)	Offset Eye Closed Mesh	Offset Eye Split Mesh Rod Closing	Universal Eye Closed Mesh	Universal Eye Split Mesh Rod Closing	Double Eye Closed Mesh
.75"-.99" (1.90-2.51)	**2201039**	**2203039**	**2201053**	**2203064**	**2206001**
1.00"-1.24" (2.54-3.15)	**2201041**	**2203041**	**2201050**	**2203068**	**2206002**
1.25"-1.49" (3.17-3.78)	**2201042**	**2203042**	**2201054**	**2203069**	**2206003**
1.50"-1.74" (3.81-4.42)	**2201043**	**2203043**	**2201055**	**2203070**	**2206004**
1.75"-1.99" (4.44-5.05)	**2201044**	**2203044**	**2201056**	**2203071**	**–**
2.00"-2.49" (5.08-6.32)	**2201045**	**2203045**	**2201057**	**2203072**	**2206005**
2.50"-2.99" (6.35-7.59)	**2201046**	**2203046**	**2201058**	**2203073**	**2206006**

Additional sizes and styles available.

Hubbell Insulgrip® 15 and 20 Amp Straight Blade Devices

Another Hubbell innovation that has become an industry standard, Insulgrip plugs and connectors meet a wide range of commercial and heavy-duty applications ranging from 15 to 200 Amps. Encased in tough nylon, Insulgrip devices ensure high impact, heat and chemical resistance while insulating current-carrying components from the user for maximum safety.

Hubbell designs Insulgrip plugs and connectors with an individually molded face to keep out dust and debris and a powerful cord gripping design for superior strain relief. Whether connecting mobile medical equipment or food preparation equipment, Insulgrip devices last longer and provide better safety and reliability.

Hubbell Insulgrip 15 and 20 Amp Straight Blade Devices

NEMA Rating		Poles/Wires	Description	Plug	Angled Plug	Connector
15A 125V	5-15	2-Pole 3-Wire	Impact Resistant Nylon	**HBL5266C**	**HBL5266CA**	**HBL5269C**
20A 125V	5-20	2-Pole 3-Wire	Impact Resistant Nylon	**HBL5366C**	**HBL5366CA**	**HBL5369C**
15A 250V	6-15	2-Pole 3-Wire	Black and White Nylon	**HBL5666C**	**HBL5666CA**	**HBL5669C**
20A 250V	6-20	2-Pole 3-Wire	Black and White Nylon	**HBL5466C**	**HBL5466CA**	**HBL5469C**

Hubbell Insulgrip Twist-Lock® Locking Devices

Hubbell Twist-Lock devices, available in 15, 20, and 3 Amp, are the industry standard for locking plugs and receptacles. The plug and connector feature a powerful cord grip that clamps the conductors, not just the cable jacket, making it the most powerful cord grip in the industry. The tough ribbed nylon housing provides secure gripping while ensuring impact and corrosion resistance. An individually molded face for each blade configuration keeps debris out of the plug while the dust shield provides additional protection from contamination. Hubbell also offers a variety of Twist-Lock receptacles that combine functional design and features for secure and easy mating. Only Twist-Lock delivers premium service and longer life while keeping electrical connections connected.

Hubbell Twist-Lock® Locking Devices

NEMA Rating Color Coded by Voltage		Poles/Wires	Plug	Connector	Receptacle
15A 125V	L5-15	2P/3W	**HBL4720C**	**HBL4729C**	**HBL4710**
20A 125V	L5-20	2P/3W	**HBL2311**	**HBL2313**	**HBL2310**
20A 250V	L6-20	2P/3W	**HBL2321**	**HBL2323**	**HBL2320**
20A 3Ø 250V	L15-20	3P/4W	**HBL2421**	**HBL2423**	**HBL2420**
20A 3Ø 480V	L16-20	3P/4W	**HBL2431**	**HBL2433**	**HBL2430**
30A 3Ø 250V	L15-30	3P/4W	**HBL2721**	**HBL2723**	**HBL2720**
30A 3Ø 480V	L16-30	3P/4W	**HBL2731**	**HBL2733**	**HBL2730**

USB Charger Receptacle

Hubbell's USB Charger Receptacle provides both USB and electrical power in a standard single gang electrical opening. Designed to provide more charging options for personal electronics, the USB ports are capable of charging two tablets simultaneously. The tamper-resistant Style Line® decorator outlets provide additional power for appliance use. Ideal for use in offices, medical labs, patient rooms, classrooms, etc.

USB Charger, Tamper-Resistant Duplex Receptacle

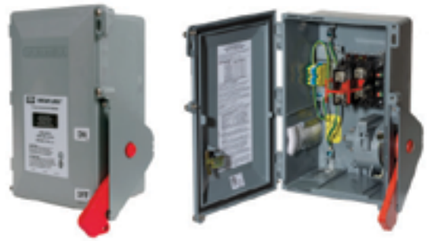
Description	Color	15A 125V AC	20A 125V AC
Two USB Type 2.0 Ports 5 Amp, 5 Volt DC, 15 or 20 Amp, 125 Volt AC Decorator Duplex	Black	**USB8200A5BK**	**USB8300ASBK**
	Gray	**USB8200ASGY**	**USB8300ASGY**
	Ivory	**USB8200ASI**	**USB8300ASI**
	Light Almond	**USB8200ASLA**	**USB8300ASLA**
	White	**USB8200ASW**	**USB8300ASW**

USB Charger, 4 Port Outlet

Description	15A 125V AC
Four USB Type 2.0 Ports 5 Amp, 5 Volt DC, Style Line® Decorator	**USB15X2BK**
	USB15X2GY
	USB15X21
	USB15X2LA
	USB15X2W

Circuit-Lock Fused Disconnect Switches

When it comes to safely shutting down power, nothing performs like Hubbell Circuit-Lock. Required by the NEC® within line of sight of all motor controllers and power driven equipment, Hubbell Circuit-Lock Disconnect Switches feature a highly-visible red handle that can be locked in the off position to comply with OSHA lockout-tagout requirements. Housed in a corrosion and impact-resistant Type 4X enclosure with a watertight neoprene gasket, Hubbell Circuit-Lock Disconnect Switches are UL listed as both a motor controller and disconnect for maximum value. Circuit-Lock Disconnect Switches are available in 30, 60 and 100 Amp 600-Volt AC ratings with available auxiliary contacts for various control applications.



30 and 60 Amp Fused Disconnect Switches

Description	Catalog Number
30A Circuit-Lock fused disconnect switch.	**FDS30**
60A Circuit-Lock fused disconnect switch.	**FDS60**

Auxiliary Contacts

Description	Catalog Number
Auxiliary contact, normally open, A600 pilot duty.	**ACFSNO**
Auxiliary contact, normally closed, A600 pilot duty.	**ACFSNC**

Industrial Power Cord Reels

Cord reels provide point-of-use power in a variety of maintenance environments—from shops and garages, to outdoor spaces. Hubbell Power Cord Reels are powder coated with solid-steel construction and a UL Type 4X enclosure that protects the motor, junction box, slip ring assembly and cable entrance from weather, hose down and corrosion. Available in 15 and 20 Amp versions, Power Cord Reels feature a multi-position roller guide that can be mounted in four different positions and an optional 340-degree pivot base to deliver power in any direction.

Industrial Power Cord Reels

Cord End	Cable Feet (m)	Cable Type	NEMA Style	Amps	Volts AC	Weight Lbs. (kg)	Catalog Number
Without cord ends.	**45 (13.7)**	**12/3 SJEO**	**5-15R**	**15**	**125**	**21 (9.5)**	**HBL45123**
HBL5269C connector.	**45 (13.7)**	**12/3 SJEO**	**5-15R**	**15**	**125**	**28 (12.7)**	**HBL45123C**
HBL5369C connector.	**45 (13.7)**	**12/3 SJEO**	**5-20R**	**20**	**125**	**28 (12.7)**	**HBL45123C20**
HBL2313 connector.	**45 (13.7)**	**12/3 SJEO**	**L5-20R**	**20**	**125**	**28 (12.7)**	**HBL45123TL20**
Portable outlet box with (2) gray duplex receptacle.	**45 (13.7)**	**12/3 SJEO**	**5-20R**	**20**	**125**	**29 (13.2)**	**HBL45123R220**
Portable outlet box with (1) ground fault protected gray duplex receptacle.	**45 (13.7)**	**12/3 SJEO**	**5-15R**	**15**	**125**	**29 (13.2)**	**HBL45123GF15**
	45 (13.7)	**12/3 SJEO**	**5-20R**	**20**	**125**	**29 (13.2)**	**HBL45123GF20**

Compression Tap Connectors

Burndy® Compression Tap Connectors are used for routing power or voltage drop applications.

Color code system matches installation die color coding. Clear cover is used to allow for visual inspection after installation. Accommodates greater wire range with a single connector. Some designs accommodate more than one tap connection. Can be used for voltage drop applications.

Features:

- Copper wire connector
- Accommodates Copper Code Class B (Concentric, Compressed, Compact) or Class C wire and copper flex. See product details for specific wire classes.
- Electro-tin Plated for added corrosion resistance.
- Color coded markings
- Comes with clear cover
- UL Listed *with Burndy Engineered System
- CSA Certified to C22.2

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Modular or Prefab Data Centers
- Power/Renewable Energy

Compression Terminal Connectors

Burndy® Compression Terminal Connectors are used for terminating power.

Inspection window allows for full wire insertion examination. Two hold mounting pad provides extra fastening strength. Long barrel with additional crimps allows for stronger mechanical connection strength. Color code system matches installation die color coding. Barrel ink bands identify the crimp zone and approximate crimp locations.

BURNDY

Features:

- Copper wire connectors
- Two hole mounting pad
- Electro-tin plated
- Clear markings on pad and barrel
- Accommodates Copper Code Class B (Concentric, Compressed, Compact) or Class C wire and copper flex

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Modular or Prefab Data Centers
- Power/Renewable Energy

Penetrox Oxide Inhibitor

All Penetrox compounds contain homogeneously suspended metal particles. These suspended metal particles assist in penetrating thin oxide films, act as electrical “bridges” between conductor strands, aid in gripping the conductor, improve electrical conductivity and enhance the integrity of the connection.

BURNDY

Features:

- Produces low initial contact resistance
- Seals out air and moisture
- Prevents oxidation or corrosion
- Exhibitx superior weathering characteristics
- Usable over wide temperature ranges
- Provides a high conductivity “gastight” joint

Applications:

- Data Center Operations (Computer Room)
- Telecommunications Room
- Electrical and Mechanical Areas
- Power/Renewable Energy

Mechanical Connectors

Hubbell supplies a broad range of electrical connectors that are fabricated from 6061-T6 aluminum alloy as well a range of electrolytic copper electrical connectors.

HUBBELL Power Systems, Inc.

Mechanical Connectors:

Catalog #	Material	Type	Dimensions
AB-750S	6061-T6 Aluminum	Bolted Lugs & Terminals	3.25 in x 1.44 in x 1.8 in
AB-500S	6061-T6 Aluminum	Bolted Lugs & Terminals	2.62 in x 1.25 in x 1.44 in
AB-500-1	6061-T6 Aluminum	Bolted Lugs & Terminals	2.48 in x 1.38 in x 1.44 in
2AB-750	6061-T6 Aluminum	Bolted Lugs & Terminals	3.25 in x 3.50 in x 1.81 in
LA350R	6061-T6 Aluminum	Bolted Lugs & Terminals	1.91 in x 1.0 in x 1.13 in
GPT-350	6061-T6 Aluminum	Tap Connectors	2.56 in x 1.25 in x 1.44 in
NA-70	6061-T6 Aluminum	Neutral Bars	0.50 in X 0.38 in
SCB-1/0	6061-T6 Aluminum	Neutral Bars	0.63 in x 0.38 in
CF-125	Pure Electrolytic Copper	Bolted Lugs & Terminals	1.97 in x 0.63 in x 1.34 in
N70-12-1	Pure Electrolytic Copper	Neutral Bars	----
LCB-1/0	Pure Electrolytic Copper	Neutral Bars	----

CT Series Cable Ties

Burndy® UNIRAP™ cable ties are fabricated of one piece nylon with parts. The straps are tough, resilient, lightweight and abrasion resistant. They offer high tensile strength and are chemically resistive to solvents, alkalides, oils, grease and diluted acids. Self-locking, the secure without twisting or leaving sharp projections.

Organizes wires in all areas of buildings within the walls, ceilings, desk areas, sanitized areas and clean rooms.

BURNDY

Features:

- Nylon 6/6 and nylon 12 cable ties
- Styles include releasable, identification and screw mount
- Bundle diameter range of .06" to 12"
- Tensile strength from 18 lbs. to 250 lbs.

Applications:

- Data Center Telecommunications Room
- Data Center Operations (Computer Rooms)
- Electrical and Mechanical Areas
- Modular or Prefab Data Centers
- Power/Renewable Energy

Cable & Wire Management

CTSS Series Cable Ties

Burndy® 304 Stainless Steel ties are designed to secure hoses, cables, poles, pipes, and more when harsh environmental conditions may adversely affect the bundling application. Used where corrosion, vibration, weathering, radiation, and temperature extremes are a concern. Burndy® Stainless Steel ties can be used in virtually any indoor, outdoor, and underground application.

BURNDY

Features:

- 304 Grade Stainless Steel
- Meet the requirements of ABS
- Low profile clamping bearing head with fully adjustable strap accommodates many bundle diameters
- Smooth, rounded edges help ensure safe, efficient handling
- Self-locking steel ball design speeds installation and locks into place at any length
- Provides a strong durable method of cable bundling
- Flame retardant and non-toxic for applications where safety from fire is critical

Applications:

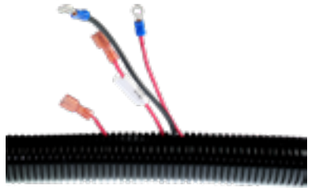
- Telecommunications Room
- Data Center Operations (Computer Rooms)
- Electrical and Mechanical Areas
- Modular or Prefab Data Centers
- Power/Renewable Energy

Split Loom Tubing

Burndy® split loom is for applications where braided tubing or spiral wrap may be difficult to install. Tubing provides full coverage. In harsh applications, the tubing provides resistance to crushing, impact, and abrasion.

Tubing offers excellent protection against automotive fluids, vibration wear, water, snow, ice and the effects of heat, cold, and sunlight on cables and wires.

BURNDY



Features:

- Polyethylene tube construction
- Protection against heat, cold, water, ice and vibration wear
- Protection against crushing, impact and abrasion

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms)
- Electrical and Mechanical Areas

Boxes & Covers

Fiber Reinforced Polymer Enclosures

Vault Assembly, Corrugated fiberglass vault base & two piece polymer concrete covers with Torsion Assist.

Quazite®

Features:

- Tier 8
- 36"W x 60"D x 24"H
- Blank logo
- Vault interior dimensions 36 1/2"W x 60 1/4"D
- Shipped with ½-13 UNC Penta Head Bolts for securing the covers

Applications:

- Electrical and Mechanical Areas
- Exterior and Parking (Outdoor)
- Power/Renewable Energy

Enclosures

Grounding and Bonding Systems

The grounding network in any building is responsible for directing electricity, static noise and built up charges to an outside discharge away from people and equipment.

Burndy's grounding products are designed around the ANSI-J-STD-607-B, Commercial Building, Grounding (Earthing) and Bonding requirements for telecommunications. This standard specifies the requirements for a uniform telecommunications grounding and bonding infrastructure that shall be followed within commercial buildings where telecommunications equipment will be installed.

BURNDY

Grounding and Bonding Systems:

Item	Description	Catalog No.
Compression Lugs	Long barrel with inspection window; available in 6 AWG up to 750 kcmil	**YAZxxxx**
Busbars	Copper or tin plated copper	**BBBxxxx**
Raised Floor Grounding Clamps	In parallel or grid mesh bonding applications	**GPxxxx**
Compression Taps	Copper C-Taps or tin plated copper H-Taps	**YCxxxx**

Dry Type Distribution Transformer T3075K0013B

Acme Electric's three phase dry-type distribution transformers operate quietly with sound levels below NEMA standards. Units are manufactured with high quality electrical steel cores for high strength and durability.

Features:

- Three Phase, 480Δ - 208Y/120V, 75kVA
- Quite operation with sound levels below NEMA standards
- 3R Compliant -- all new units ship with weather shields installed
- Primary and secondary terminals come standard with lugs (up to 112.5kVA) for quicker, easier connections
- Aluminum winding provide increased insulation life, cooler operation, and lower losses
- Enclosure sizes of DOE 2016 units are identical to TP-1 sizes

Applications:

- Data Center Operations (UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking
- Power/Renewable Energy

Dry Type Distribution Transformer T253012S

Acme Electric offers a large selection of dry-type distribution transformers. Ranging from 600 Volt and below, in both Single and Three Phase, you're sure to find the right one for your needs.

Features:

- Single Phase, 240X480 - 120/240V, 2kVA
- Quite operation with sound levels below NEMA standards
- Electrostatic shield for enhanced protection

Applications:

- Common and Public Spaces
- Data Center Operations (Computer Rooms, Server Rooms and UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking

Non Linear Load Transformer

Acme Electric's non-linear load transformers protect equipment on the line and prevent damage caused by harmonic currents.

Special winding techniques minimize eddy current losses generated by harmonic currents and a double-sized neutral conductor handles the excessive neutral current found in non-linear load applications.

Features:

- Three Phase, 480Δ - 208Y/120V, 75kVA, K13
- Available in K-factors of 4, 13 and 20 (consult factory for other K-factors)
- 3R Compliant
- All new units ship with weather shields installed (easily be removable)
- Primary and secondary terminals come standard with lugs (up to 112.5kVA) for quicker, easier connections

Applications:

- Data Center Operations (UPS Areas)
- Electrical and Mechanical Areas
- Power/Renewable Energy

Panel-Tran Zone Power Center

Zone power centers combine an Acme-encapsulated distribution transformer with a power panel assembly in one convenient UL-3R enclosure -- for indoor/outdoor or service entrance equipment applications.

Features:

- Single Phase, 480 - 120/240V, 15kVA, Snap In Breakers
- Fully compliant with NEC 450-3
- Electrostatic shield for enhanced protection
- Primary and Secondary main circuit breakers provided

Applications:

- Data Center Operations (UPS Areas and Server Areas)
- Electrical and Mechanical Areas
- Exterior and Parking
- Power/Renewable Energy

Harmonic Mitigating Transformer

Acme Electric harmonic mitigating transformers use a time-proven zig-zag connection in the secondary circuit to cancel triplen harmonics and eliminate overheating and other problems associated with non-linear loads. This technology results in cooler operation, cleaner power and provides a more energy efficient means of dealing with harmonic problems as compared to traditional non-linear or K-rated transformers.

Features:

- Three Phase, 480Δ - 208Y/120V, 30kVA
- Reduces supply voltage flat topping
- Improves overall power factor of supply system
- Suitable for K Factor loads
- Electrostatic shield for enhanced protection

Applications:

- Data Center Operations (UPS Areas)
- Electrical and Mechanical Areas
- Power/Renewable Energy

Medium Voltage Transformer

Acme Electric medium voltage dry-type transformers are air cooled by natural convection, eliminating the principal hazards associated with liquid-filled transformers and the need for expensive fireproof vaults and venting systems for toxic gas.

Theses units are generally smaller, lighter, and easier to maintain than liquid-filled transformers, requiring only occasional cleaning and inspection. Units are encased in a ventilated steel enclosure with no exposed live parts, ideal for installation in buildings including hospitals, theaters, schools, office buildings, and factories.

Features:

- Three Phase, 4160Δ - 208Y/120V, 75kVA
- Lower operating cost over Liquid-filled
- No additional fireproofing or venting
- Long life expectancy
- Smaller, lighter easy to maintain

Applications:

- Data Center Operations (UPS Areas)
- Electrical and Mechanical Areas
- Power/Renewable Energy

Buck-Boost Transformer

Acme Electric buck-boost transformers are the ideal solution anytime a line voltage change in the 5-15% range is required in single phase or three phase applications.

Unit are assembled and prewired at the factory in one convenient package to reduce installation cost.

Features:

- Single Phase, 120 X 240 - 12/24V, 750VA
- UL listed, CSA certified and UL 3R enclosure, meets or exceeds all listing criteria, including NEMA, ANSI, and OSHA standards
- Flexibility, can be used in single phase and three phase configurations
- Reduce (buck) or raise (boost) line voltage from 5 - 20%
- All copper lead wire terminations
- Long life, 80° C rise up to 0.15 kVA, and 115° C rise above 0.25 kVA
- Can be used in three phase applications

Applications:

- Common and Public Spaces
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking

Soft Start Fire Pump Controller

The MPT700 Pilot Series Soft Start Fire Pump Controllers utilize a solid state motor controller. The motor voltage is raised to an adjustable initial torque value. The motor voltage is gradually increased during the acceleration ramp time, max. of 10 seconds per NFPA 20. After a minimum run time and all starting causes have returned to normal, the controller will initiate a ramp down process by smoothly decelerating the motor at an adjustable rate to a stop. This smooth acceleration/deceleration of the motor reduces surges and water hammer in the sprinkler system. In-rush current can be adjusted as low as 25%.

Features:

- Large 7" color LCD touch screen
- Simultaneous display on Home screen for 3 phase amperage/voltage, system pressure, start pressure, stop pressure, system status, alarm status, date and time
- On-screen Icons for Pilot/Quick Start, System Set Points, User
- Settings, Data Log, Diagnostics, and others for ease of installation and data log/event history retrieval
- Conforms to requirements of NFPA 20, UL 218 and FM 1321/1323

Applications:

- Electrical and Mechanical Areas

Tools

EZ Hose Air/Liquid Reels

Gleason Reels' heavy duty hose reels supply air or fluid to machines when the machine provides power to pull out the hose and the reel furnishes rewinding power. The reels are widely used overhead where the hose is pulled down by hand.

Features:

- Multi-position four roller guide and adjustable hose stop included
- Weatherproof gasket on spring motor
- Positive ratchet lock with disengage
- Rugged steel construction; baked polyester finish
- All welded solid steel construction
- Optional 340° pivot base

Applications:

- Electrical and Mechanical Areas

Tool Balancer

Gleason Reels' heavy duty 'BG' series tool balancers are designed for tools weighing 3 - 27 pounds.

Features:

- Rugged steel construction with black polyester baked finish
- Reinforced hanging bracket with forged clevis for ceiling mounting and extra holes for safety chain attachment
- Spring is permanently lubricated to provide constant tension and is adjustable for balancing tool in normal work zone
- Includes safety tool clip and adjustable cable stop

Applications:

- Electrical and Mechanical Areas

Office & Meeting Space

Versify Series

Versify™ Architectural Edge-Lit balances clean, streamlined architectural elements with high performance, making it the perfect complement to a wide variety of applications. The smooth, even illumination of the edge-lit lenses produces a look of continuity across the face of the luminaire with a low glare element. Energy savings are easily achieved with Versify's high lumen per watt performance and optional controls compatibility.

Columbia LIGHTING

Features:

- Available in 1x2, 1x4, 2x2 and 2x4 sizes
- Edge-lit technology maximizes luminous area and increases overall visual comfort
- 2" shallow depth for restricted plenum spaces
- Unobtrusive controls integration with NX Distributed Intelligence™ and SpectraSync™ Color Tuning Technology
- CSA certified to UL 924 standards and UL Sanitation to NSF standards
- DLC® (DesignLights Consortium) Qualified, with some Premium Qualified configurations

Applications:

- Office and Meeting Spaces

NX Area Controller

The NX Area Controller allows any PC with an Internet Explorer® compatible browser to interface with the NX Distributed Intelligence™ Lighting Control Platform through a built-in web server.

The Controller connects to the HubbNET™ network providing communication with the NX Lighting Control Panels, NX Room Controllers, NX SmartPORT™ Modules and other wired NX system components. The NX Wireless Access Point additionally extends connectivity to NX Wireless Room Controllers, and fixture modules.

HUBBELL Control Solutions

Features:

- No software required—built-in web server provides connection via any Internet Explorer compatible browser
- Graphical User Interface (GUI) makes programming both intuitive and simple
- Local or remote access via the local network or Internet
- Connect to multiple users at once

Applications:

- Security (Interior)
- Entrance Rooms
- Telecommunications Room
- Network Operations Centers Common Areas and Public Spaces
- Corridors and Stairwells
- Offices and Meeting Rooms

Adaptive Technology Ceiling Sensors

Hubbell Control Solution's NX Ceiling Mount and Wall Mount Occupancy Sensors employ Passive Infrared and Ultrasonic sensing technologies to turn lighting on and off based on occupancy.

Features:

- IntelliDAPT® self-adaptive technology-no manual adjustment required
- Non-volatile memory for sensor settings
- Optional Isolated Form C relay with N/O + N/C outputs
- 500-2,000 square-foot coverage area
- Plug and play integration with NX Room Controller
- UL and cUL listed
- Five-year limited warranty

Applications:

- Security (Interior)
- Entrance Rooms
- Telecommunications Room
- Network Operations Centers Common Areas and Public Spaces
- Corridors and Stairwells
- Offices and Meeting Rooms

PowerHUBB™ PoE Lighting & Control

Hubbell Control Solutions' PowerHUBB™ platform provides building owners and lighting practitioners with a fully integrated, end-to-end, intelligent PoE network leveraging the Internet of Things (IoT) to future-proof buildings through a highly scalable, digital ceiling platform. Contact us to learn how PowerHUBB's enterprise technology can deliver a clear path for cost-effective smart building deployments and ROI for your applications.

Features:

- Actionable intelligence -- scales from basic lighting control to advanced cloud based analytics
- Code compliance made easy -- delivers a system designed to meet the latest requirements of ASHRAE, IECC and Title 24 energy codes
- Simple and flexible deployment -- installations reduce material and labor cost by using a single Cat5e/6 connection for power and communication
- Enhanced energy savings -- implementing advanced energy management tools, automation access and open Application Programming Interface (API) drives scalable and aggressive control strategies across building environments

Applications:

- Exterior and Parking (Indoor)

Arcos® 13L LED Pendant Indirect/Direct

Arcos LED Indirect/Direct Pendant (13L-P) is an architectural curved shape with Variable Intensity technology that provides independently adjustable uplight and downlight levels.

Features:

- Variable Intensity technology provides independently-adjustable uplight and downlight levels
- Windowless design provides for continuous lens along all fixture lengths
- 2 SDCM color variation
- Standard (lambertian) and low peak angle uplight options
- Available on Litespeed 10-Day Quick Ship program in select configurations
- SpectraSync™ Color Tuning Technology available
- NX Distributed Intelligence™ wired and wireless controls capability available

Applications:

- Office and Meeting Spaces

MOD™x 6L LED Pendant Indirect/Direct

The MOD™ 6L LED Pendant Indirect/Direct (6L-P-ID) is part of the MODx family, which is an affordably-priced, full-featured offering with best-in-class attention to detail.

Features:

- End cap design eliminates visible diffuser seams/gaps
- 2 SDCM color variation
- Available on Litespeed 10-Day Quick Ship program in select configurations
- SpectraSync™ Color Tuning Technology available
- NX Distributed Intelligence™ wired and wireless controls capability available

Applications:

- Office and Meeting Spaces

SNAPConnect® USB Charger Receptacle

Installed in just 3-5 seconds, the SNAPConnect® USB Charger provides USB power in a standard single gang electrical opening.
Multiple the time savings several hundred receptacles in a new building and calculate installation of a new building in a fraction of the time compared to other receptables on the market.

Features:

- Two USB ports, 5V DC, Type A and/or C, class 2.0
- Tamper-Resistant decorator duplex receptacle
- cULus listed to UL498 and UL1310
- LED ON to indicate USB and line voltage power available

Applications:

- Network Operations Centers
- Modular or Prefab Areas
- Office and Meeting Spaces

Hubbell Insulgrip® 15 and 20 Amp Straight Blade Devices

Another Hubbell innovation that has become an industry standard, Insulgrip plugs and connectors meet a wide range of commercial and heavy-duty applications ranging from 15 to 200 Amps. Encased in tough nylon, Insulgrip devices ensure high impact, heat and chemical resistance while insulating current-carrying components from the user for maximum safety.

Hubbell designs Insulgrip plugs and connectors with an individually molded face to keep out dust and debris and a powerful cord gripping design for superior strain relief. Whether connecting mobile medical equipment or food preparation equipment, Insulgrip devices last longer and provide better safety and reliability.

Hubbell Insulgrip 15 and 20 Amp Straight Blade Devices

NEMA Rating		Poles/Wires	Description	Plug	Angled Plug	Connector
15A 125V	5-15	2-Pole 3-Wire	Impact Resistant Nylon	**HBL5266C**	**HBL5266CA**	**HBL5269C**
20A 125V	5-20	2-Pole 3-Wire	Impact Resistant Nylon	**HBL5366C**	**HBL5366CA**	**HBL5369C**
15A 250V	6-15	2-Pole 3-Wire	Black and White Nylon	**HBL5666C**	**HBL5666CA**	**HBL5669C**
20A 250V	6-20	2-Pole 3-Wire	Black and White Nylon	**HBL5466C**	**HBL5466CA**	**HBL5469C**

Surge Protection Receptacles

Hubbell offers a broad range SPD receptacles with technology that is unsurpassed. Inside Hubbell SPD receptacles are two 22mm square MOVs providing 240 joules of surge protection for each mode. The nylon component shield protects the printed circuit board from contaminants. An all-glass, conformally coated PC board provides superior moisture immunity for longer life in humid environments.

Circuit Guard®, Specification Grade Duplex Receptacles

Description	Color	15A 125V	20A 125V
Surge suppression receptacles with light, 240 joules/15000A per mode.	Blue	**HBL5260SA**	**HBL5360SA**
	Ivory	**HBL5260ISA**	**HBL5360ISA**
	Office White	**HBL5260OWSA**	**HBL5360OWSA**
	White	**HBL5260WSA**	**HBL5360WSA**
Surge suppression receptacles with light and alarm, 240 joules/15000A per mode.	Almond	**HBL5262ALSA**	**HBL5362ALSA**
	Blue	**HBL5262SA**	**HBL5362SA**
	Gray	**HBL5262GYSA**	**HBL5362GYSA**
	Ivory	**HBL5262ISA**	**HBL5362ISA**
	Office White	**HBL5262OWSA**	**HBL5362OWSA**
	White	**HBL5262WSA**	**HBL5362WSA**

H-MOSS® Wireless Sensors and Controls

Hubbell's WL-Series Wireless Lighting Controls provide an easy way to save energy. Available in ceiling and wall sensors, these sensors use wireless communications to reduce wiring labor and materials and provide energy savings in retrofit applications or applications not conducive to running low-voltage wiring. They feature reliable Clear Connect wireless technology that operates in a restricted 434 MHz band, avoiding interference from other wireless devices. With a radio frequency (RF) range of 30 feet through walls and 60 feet for line-of-sight applications, Hubbell Wireless Occupancy Sensors feature enhanced digital signal processing to reliably separate signals from external noise and passive infrared technology for enhanced minor motion sensitivity.

Wireless Occupancy Sensors

Description	Color	Catalog No.
Wall mount 180° - 3000 ft²	White	**WLP3000W**
Corner mount 90° - 2500 ft²	White	**WLP2500W**
Hallway mount - up to 150 linear ft	White	**WLP150H**
Ceiling mount 360° - 324-676 ft²	White	**WLP450C**

Wireless Controls

Description	Color	Catalog No.
8A Lighting, 3A Fan (1/10 HP motor, 120V only), Spec Grade Electronic Switch 120–277V, NO NEUTRAL WIRE REQUIRED	Ivory	**WLS1278I**
	White	**WLS1278W**

Combination Wireless Wall Mount Charger & USB Outlet

Hubbell's Qi certified wireless chargers deliver a new convenience: you no longer have to deal with cords or poor connections while charging your devices. Designed to be aesthetically pleasing and durable, this device will organize your workplace or home, seamlessly transforming any ordinary space or counter into a organized, accessible "drop zone" to charge multiple devices at once.

Wiring Device-Kellems

Features:

- Qi certified
- Easy single gang installation
- Two inductive coils for optimum target area
- 7.5W capacity wireless output
- LED indication: green for power, blue when charging
- cULus listed and FCC listed

Applications:

- Network Operations Centers
- Office and Meeting Spaces

Data Jacks

Hubbell's category-rated modular Jacks deliver cutting-edge performance for today's IP-based voice, data, audio and video applications. From the latest Ethernet protocols like 10 Gig, to Power over Ethernet, VoIP and video, there's no application that Hubbell jacks can't handle. With the QuickLace termination process and 1-Punch tool, these jacks also deliver the fastest termination in the industry.

Available in Category 6A, Category 6 and Category 5e performance, Hubbell data jacks easily install in a wide range of Hubbell plates, frames and surface mount boxes alongside modular AV connectors.

Hubbell Premise Wiring

Data Jacks

Color	Category 6A	Category 6	Category 5e
Black	**HJ6ABK**	**HXJ6BK**	**HXJ5EBK**
Blue	**HJ6AB**	**HXJ6B**	**HXJ5EB**
Electric Ivory	**HJ6AEI**	**HXJ6EI**	**HXJ5EEI**
Gold	**HJ6AGL25**	**HXJ6GL25**	**HXJ5EGL25**
Gray	**HJ6AGY**	**HXJ6GY**	**HXJ5EGY**
Green	**HJ6AGN**	**HXJ6GN**	**HXJ5EGN**
Office White	**HJ6AOW**	**HXJ6OW**	**HXJ5EOW**
Orange	**HJ6AOR**	**HXJ6OR**	**HXJ5EOR**
Purple	**HJ6AP25**	**HXJ6P25**	**HXJ5EP25**
Red	**HJ6AR**	**HXJ6R**	**HXJ5ER**
White	**HJ6AW**	**HXJ6W**	**HXJ5EW**
Yellow	**HJ6AY**	**HXJ6Y**	**HXJ5EY**

Note: Gold and Purple available as 25-pack only

Hubbell iSTATION Furniture Plates

Hubbell furniture plates integrate seamlessly with a variety of office furniture systems, including Steelcase, Herman Miller, Haworth, HON and Knoll furniture openings. They offer a sleek, contemporary design that positions connectivity outside the furniture channel for maximum internal capacity.

Each plate is made of durable high-impact thermoplastic housing with openings to fit any keystone data jack and adequate labeling space for easy identification.

Hubbell Premise Wiring

Furniture Plates (Steelcase®, Haworth®, HON®, Knoll®, etc.)

Opening Size: 2.71" x 1.38"

Color	2-Port	4-Port	4-Port
Black	**FP2BK**	**FP4BK**	**FP4BBK**
Gray	FP2GY	FP4GY	FP4BGY

Hubbell SystemOne Furniture Feed Poke-Throughs

Hubbell's innovative System One Delivery System includes flush furniture feed fire-rated poke through devices that are ideal for delivering power and data to furniture systems in today's computer lab settings. Able to feed up to a 2-inch conduit and accommodate up to 36 Category 5e network cables, the System One Furniture Feed Poke-Through delivers whatever combination of power, data and audio/video connections are required for educational facilities to keep pace with technology.

Wiring Device-Kellems

SystemOne Furniture Feed Poke-Throughs

Description	Color	Catalog Number without Junction Box	Catalog Number with Junction Box*
One-Piece Furniture Feed Poke-Through Assembled-unit includes: • Hubbell SystemOne AV floor fitting (S1PTAVFIT) • Hubbell SystemOne Furniture Feed Cover Plate (S1SPFFxx) • 4-hour fire classification	Aluminum Finish	**S1PTFFAL**	**S1PTFFALJ**
	Brass Finish	**S1PTFFBRS**	**S1PTFFBRSJ**
	Black	**S1PTFFBL**	**S1PTFFBLJ**
This solution provides one ¾ in. conduit for power and one ½ in. conduit for low-voltage. Furnished with two screw-in flexible metal conduit connectors.	Gray	**S1PTFFGY**	**S1PTFFGYJ**

**Junction box factory installed on through floor fitting*

Receiving & Burn-in Room

Escalate™ Stairwell Luminaire

Escalate is an attractive solution to safely and intelligently light your stairwells. Occupancy controlled dimming gives light when you need it, but dims to save energy when the space is unoccupied. Since Escalate offers two lens options and three lengths, you can easily configure Escalate to blend with your space. Additionally, Escalate's continuous light ensures a clean, modern look in your stairwells and access areas. Available in 2', 4' or 8' lengths.

Columbia LIGHTING

Features:

- Superior color consistency within a 3-step MacAdam ellipse and greater than 80 CRI
- Optional integral emergency battery pack
- Heavy die-formed steel channel with 100% acrylic formed diffuser
- Modular replaceable LED boards and driver accessible for future maintenance or upgrades
- Surface mount, wall mount
- Controls compatible with NX Distributed Intelligence™
- DLC® (DesignLights Consortium) Qualified, with some Premium Qualified configurations

Applications:

- Corridors and Stairwells

PGL8 Family

The legacy of the PGL continues with the PGL8 Edge-Lit with Drop Lens. The PGL8 provides effective solutions for meeting the dynamics and challenges of parking garage applications including IES recommendations. The drop lens reduces glare providing exceptional visual comfort and performance, making the PGL8 the ideal solution for parking garage and canopy applications.

KIM LIGHTING

Features:

- Patent pending edge-lit, drop lens optic
- Uplight standard with no additional wattage consumption
- The PGL8 offers exceptional uniformity and visual comfort with four standard distribution patterns
- Pendant mount with architectural bird shroud
- Integral sensors, battery backup and uplight
- Wireless control options: NX Distributed Intelligence™, wiSCAPE™

Applications:

- Exterior and Parking (Indoor)

NX Distributed Intelligence

Hubbell Control Solutions' NX Distributed Intelligence platform delivers a seamless lighting control solution. NX is capable of scaling from standalone fixture and room control applications to networked enterprise deployments. NX operates using wired, wireless and hybrid connectivity with native BACnet® support.

NX portfolio of compatible products provides the flexibility to easily scale from a single fixture to a complete building using a broad selection of multi-tiered control strategies.

HUBBELL Control Solutions

Features:

- Multiple deployment options: wired, wireless and hybrid
- For indoor and outdoor applications
- Native BACnet support
- Supports Hubbell Lighting's SpectraSync™ Color Tuning Technology
- Ease of implementation with self-configuration feature and mobile app tool

Applications:

- Security (Interior)
- Entrance Rooms
- Telecommunications Room
- Network Operations Centers Common Areas and Public Spaces
- Corridors and Stairwells
- Offices and Meeting Rooms

Adaptive Technology Ceiling Sensors

Hubbell Control Solution's NX Ceiling Mount and Wall Mount Occupancy Sensors employ Passive Infrared and Ultrasonic sensing technologies to turn lighting on and off based on occupancy.

HUBBELL Control Solutions

Features:

- IntelliDAPT® self-adaptive technology-no manual adjustment required
- Non-volatile memory for sensor settings
- Optional Isolated Form C relay with N/O + N/C outputs
- 500-2,000 square-foot coverage area
- Plug and play integration with NX Room Controller
- UL and cUL listed
- Five-year limited warranty

Applications:

- Security (Interior)
- Entrance Rooms
- Telecommunications Room
- Network Operations Centers Common Areas and Public Spaces
- Corridors and Stairwells
- Offices and Meeting Rooms

Electric Vehicle (EV) Charging Station

The HBLEV30B Electric Vehicle Charging Station enables fast level 2 charging of any SAE J1772 compatible electric vehicle. This new EV charger delivers power and offers a more compact, easy to use and easy to install solution for your electric vehicle charging needs.

30A 208-240V AC, 7.2 kW output, wall mount; 20 ft. charging cable, plug-in installation. Water-resistant enclosure is rated UL Type 3R/S for indoor and outdoor use. Time delay feature to delay charge times for more economical charging rates. "Auto-reset" feature enables charging to restart following a minor fault, thereby reducing the chance of having an undercharged battery. Compatible with all Electric Vehicle Supply Equipment (EVSE) Codes, Standards and Recommended Practices, including SAE J1772, NEC 625, UL 2231 and UL 2594.

HUBBELL Wiring Device-Kellems

Electric Vehicle (EV) Charging Station

Description	Catalog Number
EV Charging Station, 208–240V AC, 7.2 kW output, 20 ft. charging cable	**HBLEV30B**
EV Charging Station, 208–240V AC, 7.2 kW output, 20 ft. charging cable, hardwired	**HBLEV30BHW**

Hubbell 50A Twist-Lock® Locking Devices

Hubbell's 50 amp Twist-Lock® devices features heavy-duty design built for heavy-duty applications. These Hubbell 50 amp Twist-Lock plugs and connector bodies are built to go where you need power, even in some of the harshest environments.

HUBBELL Wiring Device-Kellems

50 Amp Twist-Lock® Devices

NEMA Rating	Plug	Flanged Inlet	Connector	Receptacles
50A 125V	**CS6361C**	**CS6377**	**CS6360C**	**CS6370**
50A 250V	**CS8265C**	**CS8275**	**CS8264C**	**CS8269**
50A 480V	**CS8465C**	**CS8475**	**CS8464C**	**CS8469***
50A 125/250V	**CS6365C**	**CS6375 CS6375M2**	**CS6364C**	**CS6369**
50A 3Ø 250V	**CS8365C**	**CS8375**	**CS8364C**	**CS8369**

* with lift cover

Heavy Duty Pendant Pushbutton Stations

Suitable for the toughest environments, Hubbell's Heavy-Duty Pendant Pushbutton Stations are used to control circuit operation of electric motor hoists and other machinery. With high-impact resistance and a sealing ring that shuts out dust and moisture, the enclosure is ideal for any high-use industrial application. A mechanical interlock feature prevents simultaneous activation of both buttons. Pendant pushbutton stations are available in single or two speed, with two-, four-, six-, or eight-button configurations.

HUBBELL Wiring Device-Kellems

PBS Series Heavy Duty Pendant Pushbutton Stations, NEMA 3R

Description	Catalog No.
2 button, single speed	**PBS2**
2 button, two speed	**PBS22**
4 button, single speed	**PBS4**
4 button, two speed	**PBS42**
6 button, single speed	**PBS6**
6 button, two speed	**PBS62**
8 button, single speed	**PBS8**
8 button, two speed	**PBS82**

CPB2 Series Compact Pendant Stations, Two Button, NEMA 4X

Description	Catalog No.
Single-speed normally open normally closed without mechanical interlock	**CPB20**
Single-speed with mechanical interlock between pushbuttons	**CPB21**
Two-speed with mechanical interlock between pushbuttons	**CPB22**

Ground Conductor to Water Pipe, Pipe or Conduit

More than 60 years of technological innovation has made BURNDY mechanical grounding connectors one of the most widely used, highly respected lines in the industry. There is virtually no grounding application problem that this diversified line cannot help solve.

BURNDY

Type C

Type GC-A

Features:

- Type C- Cast Bronze Clamps are used to connect grounding conductors to water pipe or copper tube. "D" indicates UL 467 Listed for direct burial in earth and concrete and are supplied with silicon bronze hardware.
- Type GC-A Clamps are dual rated for both copper and aluminum conductors. All connectors are tin plated to provide low contact resistance and prevent galvanic corrosion. All clamps are range taking; only three catalog numbers cover the complete range of applications -- from 1/2 to 4 inches.

Applications:

- Exterior and Parking Structure

Mechanical Grounding Connectors

When working with incoming distribution lines, the substation facility, switchgear, uninterruptible power supply (UPS) systems, power distribution equipment (PDE) and raised floor grounding systems, choose Burndy for efficient grounding methods, innovative connectors and dependable tooling.

BURNDY

HBL® Extra Heavy Duty Industrial Series

Mechanical Connector Type	Description
KC, K2 For Copper Cable to Flat	SERVIT POST used to ground one or two cables to steel structures, fence posts, transformers. Also used to tap one or two cables from bus bar. One wrench installation.
KS For Copper	UL467 Listed for direct burial applications in earth or concrete. Compact, high strength, high copper alloy SERVIT split-bolt has free-running threads and easy to grip wrench flats. Highly resistant to cracking and corrosion.
GRC High Strength Ground Rod Clamp for Copper Cable to Rod	High copper alloy ground connector for joining a range of cable to copper clad, galvanized steel, and stainless-steel ground rods. Slips over end of rod, one-wrench installation. UL467 Listed for direct burial in earth and concrete.
GP Ground Connector for Two Copper Cables to Rod or Pipe	High copper alloy ground connector for joining a range of parallel cables perpendicular to rod, pipe or column. Also used with one groove for run, the other for tap to equipment. High copper alloy cast body and DURIUM™ U-bolts, nuts, and lockwashers make the GP suitable for direct burial in the ground or concrete. One-wrench installation. UL467 Listed. Acceptable for direct burial in earth or concrete.

Mechanical Grounding Connectors, Catalog #s: KC/K2C/KS/GRC/GP

Emergency Tower Communication Station

GAI-TRONICS' RED ALERT Tower provides a complete emergency communications station (RED ALERT tower, telephone, and LED strobe all sold separately). The tower is powder-coated with an epoxy finish to withstand harsh environments. The tower stands over nine feel tall with large EMERGENCY graphics on all four sides.

GAI-TRONICS

Model #398-001
Emergency Telephone

Model #234
RED ALERT Tower

Model #540-001
LED Strobe

Features:

- RED ALERT Tower, architectural bronze, and safety blue standard colors (model #234)
- RED ALERT Emergency Telephone, help, autodial push button, call push button with keypad (model # 398-001)
- LED blue strobe with constant-on feature (model #540-001)

Applications:

- Exterior and Parking Structure

MX7200 2-Gang In-Use Weatherproof Cover

TayMac Jumbo 2-Gang EXTRA DUTY Weatherproof In-Use Cover is designed to provide weatherproof protection while an outlet is in-use.

TayMac

Features:

- Heavy duty die-cast metal construction with premium powder coat finish
- Quick-Fit keyhole mounting system allows installation in under a minute
- Universal Fit Adapter System Technology (U-Fast) for 55-in-1 custom device configurations
- Comes pre-configured for GFCI
- Includes attached gasket and mounting hardware
- Jumbo size, 5-1/8" deep
- Lockable tab
- Extra Duty rated
- Vertical mount

Applications:

- Exterior and Parking (Indoor)

NEMA 4X JIC Continuous Hinge Electrical Enclosure

Wiegmann NEMA 4X JIC Continuous Hinge Quarter Turn 12X12X6 304 Stainless Steel.

The Ultimate Mini-Max series enclosures are designed to house and protect electrical and electronic components in harsh, dirty environments. Streamlined styling, quarter-turn latch, and attractive durable finish complement any high tech electronic equipment.

WIEGMANN

Features:

- 1/4 turn style JIC enclosure makes for easy door seal
- Eliminates the need for exterior clips to secure door shut
- 1/4 turn latch is interchangeable with many locking designs available to better suit the customer
- FTC flange around the entire door opening to channel liquids away
- Available in light grained finish 304 or 316 stainless steel

Applications:

- Exterior and Parking (Indoor)
- Power/Renewable Energy

NEMA 4X Stainless Steel Enclosure

NEMA 4 JIC Continuous Hinge Quarter Turn 12X12X6 304 Stainless Steel Exclosure

The Ultimate Mini-Max series enclosures are designed to house and protect electrical and electronic components in harsh, dirty environments. Streamlined styling, quarter-turn latch, and attractive durable finish complement any high tech electronic equipment.

WIEGMANN

Features:

- New 1/4 turn style JIC enclosure makes for easy door seal
- Eliminates the need for exterior clips to secure door shut
- 1/4 turn latch is interchangeable with many locking designs available to better suit the customer
- FTC flange around the entire door opening to channel liquids away
- Available in light grained finish 304 or 316 stainless steel

Applications:

- Exterior and Parking (Indoor)

Dry Type Distribution Transformer T3075K0013B

Acme Electric's three phase dry-type distribution transformers operate quietly with sound levels below NEMA standards. Units are manufactured with high quality electrical steel cores for high strength and durability.

Acme Electric

Features:

- Three Phase, 480Δ - 208Y/120V, 75kVA
- Quite operation with sound levels below NEMA standards
- 3R Compliant -- all new units ship with weather shields installed
- Primary and secondary terminals come standard with lugs (up to 112.5kVA) for quicker, easier connections
- Aluminum winding provide increased insulation life, cooler operation, and lower losses
- Enclosure sizes of DOE 2016 units are identical to TP-1 sizes

Applications:

- Data Center Operations (UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking
- Power/Renewable Energy

Dry Type Distribution Transformer T253012S

Acme Electric offers a large selection of dry-type distribution transformers. Ranging from 600 Volt and below, in both Single and Three Phase, you're sure to find the right one for your needs.

Features:

- Single Phase, 240X480 - 120/240V, 2kVA
- Quite operation with sound levels below NEMA standards
- Electrostatic shield for enhanced protection

Applications:

- Common and Public Spaces
- Data Center Operations (Computer Rooms, Server Rooms and UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking

Panel-Tran Zone Power Center

Zone power centers combine an Acme-encapsulated distribution transformer with a power panel assembly in one convenient UL-3R enclosure -- for indoor/outdoor or service entrance equipment applications.

Features:

- Single Phase, 480 - 120/240V, 15kVA, Snap In Breakers
- Fully compliant with NEC 450-3
- Electrostatic shield for enhanced protection
- Primary and Secondary main circuit breakers provided

Applications:

- Data Center Operations (UPS Areas and Server Areas)
- Electrical and Mechanical Areas
- Exterior and Parking
- Power/Renewable Energy

Buck-Boost Transformer

Acme Electric buck-boost transformers are the ideal solution anytime a line voltage change in the 5-15% range is required in single phase or three phase applications.

Unit are assembled and prewired at the factory in one convenient package to reduce installation cost.

Features:

- Single Phase, 120 X 240 - 12/24V, 750VA
- UL listed, CSA certified and UL 3R enclosure, meets or exceeds all listing criteria, including NEMA, ANSI, and OSHA standards
- Flexibility, can be used in single phase and three phase configurations
- Reduce (buck) or raise (boost) line voltage from 5 - 20%
- All copper lead wire terminations
- Long life, 80° C rise up to 0.15 kVA, and 115° C rise above 0.25 kVA
- Can be used in three phase applications

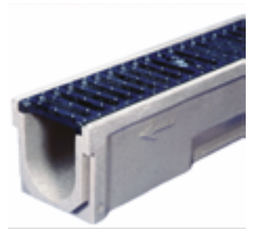
Applications:

- Common and Public Spaces
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking

600 Series Trench Drain

Polycast drains offer a high degree of chemical resistance and have a water absorption value of less than one percent (ASTM C140). Made of a high strength, chemical resistant, composite material.

Polycast Polymer Concrete is more than four times stronger than ordinary Portland Cement Concrete, simplifies installation and lowers overall costs. Ideal for indoor and outdoor applications. Rapid drainage and durability. Resistant to freeze/thaw cycles (ASTM C666). Offers superior versatility with 24" and 48" components.



Features:

- Variable 9–14" bolt circle
- 4 slots, 1" diameter x 4" long
- 6-5/8" OD x 60" long
- 1" thick x 12" square base plate, variable circle
- Hardware included

Applications:

- Exterior and Parking (Indoor)

Parking & Exterior

Pursuit Series

The Pursuit family of linear outdoor light fixtures feature a low profile linear form factor that seamlessly blends with the architecture—day or night. Individual housing lengths can be connected with external lens for seamless and continuous runs up to 150'.

architectural arealighting

Features:

- IP66 rated for demanding environments including protection from dust, oil, noncorrosive material and water intrusion
- Five housing lengths and three housing options
- Four distributions and four lumen outputs up to 1,500 lm/ft
- Mounting flexibility -- adjustable arm, fixed arm, cable, pendant, surface, wall, or mullion

Applications:

- Exterior and Parking

Viper Large Strike Optic

The Large Viper luminaire is available with a wide choice of LED wattage configurations and optical distributions, designed to replace HID lighting up to 1000W MH or HPS. Four different mounting options allow for application in a variety of new and existing installations.

BEACON design . performance . technology

Features:

- 8 lighting distributions puts light where it is needed, not wasted
- 4 mounting options
- 5 wattages from 135W thru 395W of LED efficiency
- Lifeshield thermal circuit protection insures optimum LED performance
- DLC® (DesignLights Consortium) Qualified—see www.designlights.org for details

Applications:

- Exterior and Parking (Outdoor)
- Architectural outdoor area/site applications
- Pedestrian walkway applications

Weatherproof LED Flood Light Kit with Motion Sensor

The Bell Outdoor Weatherproof LED Flood Light Kit with Motion Sensor features an 180° motion field with three control settings: Durations (2 seconds to 1.5 hours); Light sensitivity; and Motion Detection range (0-65 feet).

Features:

- Warm white LED flood lights (3000K), 2000 Lumens, 26W, 120VAC
- Die-cast aluminum heads and cover
- Patented multi-directional swivel joint for easy light adjustment
- 2 additional 1/2" threaded openings with closure plug

Applications:

- Parking areas
- Architectural outdoor area/site applications
- Pedestrian walkway applications
- Security areas (Exterior)
- Power/Renewable Energy

Weatherproof LED Swivel Commercial Grade Flood Lights

The Bell Outdoor LL1200 commercial grade series of LED Swivel Flood Lights are attractive and durable, bringing years of enjoyment, safety and convenience for many architectural or landscape lighting needs.

Features:

- 3000K warm white light with even distribution
- Rugged die-cast metal construction
- Powder coat finish provides maximum weatherability and scratch resistance
- Tempered glass lens
- Maintenance-free, LED-rated for 50,000 hours

Applications:

- Parking areas
- Architectural outdoor area/site applications
- Pedestrian walkway applications
- Security areas (exterior)

EVE4X Series

The EVE4X Series LED exit signs meet NEMA 4X IP66 standards. The housing is watertight and corrosion resistant and is designed for indoor or outdoor applications.

Features:

- Polycarbonate housing with polyamide fasteners
- Easily installs to wall surfaces
- Bright and even exit sign illumination
- Red or green LEDs with a 10 year life-cycle
- Snap-in arrows for directional indication
- 120/277 VAC input
- AC-On LED and push-to-test switch
- Long-life nickel metal hydride battery

Applications:

- Electrical and Mechanical Areas
- Common and Public Spaces
- Corridors and Stairwells
- Office and Meeting Spaces

NX Distributed Intelligence

Hubbell Control Solutions' NX Distributed Intelligence platform delivers a seamless lighting control solution. NX is capable of scaling from standalone fixture and room control applications to networked enterprise deployments. NX operates using wired, wireless and hybrid connectivity with native BACnet® support.

NX portfolio of compatible products provides the flexibility to easily scale from a single fixture to a complete building using a broad selection of multi-tiered control strategies.

Features:

- Multiple deployment options: wired, wireless and hybrid
- For indoor and outdoor applications
- Native BACnet support
- Supports Hubbell Lighting's SpectraSync™ Color Tuning Technology
- Ease of implementation with self-configuration feature and mobile app tool

Applications:

- Security (Interior)
- Entrance Rooms
- Telecommunications Room
- Network Operations Centers Common Areas and Public Spaces
- Corridors and Stairwells
- Offices and Meeting Rooms

wiSCAPE Wireless Outdoor Lighting System

Hubbell Control Solutions' wiSCAPE wireless outdoor lighting management system provides insight into the operation of the entire data center campus+E93.

HUBBELL Control Solutions

Features:

- Integrates luminaires, sensors and user interfaces using software for a scalable, intelligent control solution
- Simple setup and code compliance using the wiSCAPE software suite
- 24/7 monitoring of each luminaire with alarm notifications via SMS or email
- Commercial-grade metering enables determination of energy consumption by individual luminaires, sites or entire city

Applications:

- Exterior and Parking (Outdoor)

TRP2 GeoPak

Mid sized architectural wallpacks in three stylish shapes with molded contours to accentuate building architecture. Provides excellent illumination in energy-saving LED systems.

HUBBELL Outdoor Lighting

Features:

- Type I, II, III and IV distributions for a wide variety of applications
- Low glare asymmetric optics for optimal performance and visual comfort
- Easy to install and retrofit existing HID luminaires with similar footprint
- Control capabilities offer additional energy savings options
- Integral battery backup options
- Option uplight graze, spot and canopy distributions

Applications:

- Exterior and Parking (Outdoor)
- Power/Renewable Energy

SSS-H Series

Square Straight Steel Poles

HUBBELL Outdoor Lighting

Features:

- Base cover: two-piece square aluminum base cover included standard
- Pole cap: Pole shaft supplied with removable cover when applicable; Tenon and post-top configurations also available
- Hand hole: Rectangular 3x5 steel hand hole frame (2.38"" x 4.38"" opening); Mounting provisions for grounding lug located behind gasketed cover
- Anchor bolts: Four galvanized anchor bolts provided per pole with minimum yield of 55,000 psi (ASTM F1554); Galvanized hardware with two washers and two nuts per bolt for leveling

Applications:

- Exterior and Parking (Outdoor)

Pavilion Family

Pavilion redefines the bollard category with state of the art design, performance, and technology. An integral NEMA 3R enclosure, 2-Gang recessed box, and Bluetooth® RGBW accent are just a few of the industry first features of Pavilion.

KIM LIGHTING

Features:

- U0, True IES, or diffused symmetric or asymmetric distributions
- Optional Bluetooth enabled RGBW color luminous accent
- SiteSync wireless control and motion sensor options
- Battery backup configurations
- Integral Power Station functionality enables optional electrical and USB charging, speaker integration or even a disabled person's actuator button

Applications:

- Exterior and Parking (Outdoor)

Electric Vehicle (EV) Charging Station

The HBLEV30B Electric Vehicle Charging Station enables fast level 2 charging of any SAE J1772 compatible electric vehicle. This new EV charger delivers power and offers a more compact, easy to use and easy to install solution for your electric vehicle charging needs.

30A 208-240V AC, 7.2 kW output, wall mount; 20 ft. charging cable, plug-in installation. Water-resistant enclosure is rated UL Type 3R/S for indoor and outdoor use. Time delay feature to delay charge times for more economical charging rates. “Auto-reset” feature enables charging to restart following a minor fault, thereby reducing the chance of having an undercharged battery. Compatible with all Electric Vehicle Supply Equipment (EVSE) Codes, Standards and Recommended Practices, including SAE J1772, NEC 625, UL 2231 and UL 2594.

HUBBELL Wiring Device-Kellems

Electric Vehicle (EV) Charging Station

Description	Catalog Number
EV Charging Station, 208–240V AC, 7.2 kW output, 20 ft. charging cable	**HBLEV30B**
EV Charging Station, 208–240V AC, 7.2 kW output, 20 ft. charging cable, hardwired	**HBLEV30BHW**

Fence Post Connectors

Burndy® mechanical grounding connectors for fence posts and fence mesh. Easy, fast installation for all grounding and bonding applications.

BURNDY

Features:

- Range taking
- No special tooling required
- Secure connections using bolts or other hardware
- Meets UL467 for Ground and Bonding applications

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms)
- Exterior and Parking (Outdoor)
- Power/Renewable Energy

HYGROUND® Compression Grounding

BURNDY's irreversible compression ground system meets the most stringent safety and performance requirements, including those of OSHA and nuclear power plant design. Performance excellence and long life expectancy are the system's basic design guidelines.

BURNDY

Features:

This complete system includes:

- Connectors for grid cross connections
- Taps
- Splices
- Cable to ground rod
- Ground plates
- Terminations

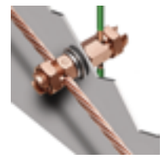
Applications:

- Data Center Operations (Computer Room)
- Telecommunications Room
- Power/Renewable Energy

Equipment Grounding

BURNDY mechanical grounding lugs can be used to adequately ground equipment. All Burndy mechanical grounding connectors have been designed for easy installation and for outstanding durability. Only the finest high copper alloys are used in their manufacture, ensuring top performance under the most extreme environmental conditions.

BURNDY



KCKF

CL

GKA

KPB

Features:

- UL 467 Listed for direct burial applications in earth or concrete

Applications:

- Exterior and Parking Structure
- Renewable Energy

Ground Conductor to Water Pipe, Pipe or Conduit

More than 60 years of technological innovation has made BURNDY mechanical grounding connectors one of the most widely used, highly respected lines in the industry. There is virtually no grounding application problem that this diversified line cannot help solve.

BURNDY

Type C

Type GC-A

Features:

- Type C- Cast Bronze Clamps are used to connect grounding conductors to water pipe or copper tube. “D” indicates UL 467 Listed for direct burial in earth and concrete and are supplied with silicon bronze hardware.
- Type GC-A Clamps are dual rated for both copper and aluminum conductors. All connectors are tin plated to provide low contact resistance and prevent galvanic corrosion. All clamps are range taking; only three catalog numbers cover the complete range of applications -- from 1/2 to 4 inches.

Applications:

- Exterior and Parking Structure

Mechanical Grounding Connectors

When working with incoming distribution lines, the substation facility, switchgear, uninterruptible power supply (UPS) systems, power distribution equipment (PDE) and raised floor grounding systems, choose Burndy for efficient grounding methods, innovative connectors and dependable tooling.

BURNDY

HBL® Extra Heavy Duty Industrial Series

Mechanical Connector Type	Description
KC, K2 For Copper Cable to Flat	SERVIT POST used to ground one or two cables to steel structures, fence posts, transformers. Also used to tap one or two cables from bus bar. One wrench installation.
KS For Copper	UL467 Listed for direct burial applications in earth or concrete. Compact, high strength, high copper alloy SERVIT split-bolt has free-running threads and easy to grip wrench flats. Highly resistant to cracking and corrosion.
GRC High Strength Ground Rod Clamp for Copper Cable to Rod	High copper alloy ground connector for joining a range of cable to copper clad, galvanized steel, and stainless-steel ground rods. Slips over end of rod, one-wrench installation. UL467 Listed for direct burial in earth and concrete.
GP Ground Connector for Two Copper Cables to Rod or Pipe	High copper alloy ground connector for joining a range of parallel cables perpendicular to rod, pipe or column. Also used with one groove for run, the other for tap to equipment. High copper alloy cast body and DURIUM™ U-bolts, nuts, and lockwashers make the GP suitable for direct burial in the ground or concrete. One-wrench installation. UL467 Listed. Acceptable for direct burial in earth or concrete.

Mechanical Grounding Connectors, Catalog #s: KC/K2C/KS/GRC/GP

Insulated Secondary Pedestal Connectors

CMC’s Insulated Secondary Connectors are dual rated for aluminum or copper conductors.

CONNECTOR MANUFACTURING COMPANY

Features:

- Connector fabricated from 6061-T6 aluminum alloy for conductivity and strength
- Clear plated for low-contact resistance
- Supplied with radial-tipped set-screws
- Includes CO-OX oxide inhibitor in all conductor holes
- Each unit individually wrapped and labeled for ease of identification and cleanliness
- Fully tested to ANSI C119.4 for Class 'A' connectors

Applications:

- Exterior and Parking Structure

Street Light Connectors

The DSR-K product is a hinged, single piece clamshell housing, each side filled with pre-cured insulating material and a 6061-T6 aluminum alloy connector.

CONNECTOR MANUFACTURING COMPANY

Features:

- Simple to use — install the conductors in the connector, position the connector in the cover and close the cover
- Housing provides physical protection to the insulating material and provides compression, essential for the sealing properties
- Fully tested to ANSI C119.4 for Class 'A' connectors

Applications:

- Exterior and Parking Structure

Grounding & Bonding

Stud-Mount Transformer Connectors

CMC NSA uni-joint dual rated connectors for aluminum or copper conductors.

CONNECTOR MANUFACTURING COMPANY

Features:

- Hinged, single piece clamshell housing, each side filled with pre-cured insulating material
- Fabricated from 6061-T6 aluminum alloy
- Housing provides physical protection to the insulating material and provides compression, essential for the sealing properties
- Clear plated for low-contact resistance
- Fully tested to ANSI C119.4 and C119.1 and Western Underground Guide 2.5

Applications:

- Exterior and Parking Structure

Submersible Connectors

Rubber Insulated Submersible Secondary Connectors, standard spacing, dual rated for Aluminum or Copper conductors.

CONNECTOR MANUFACTURING COMPANY

Features:

- Clear plated for low-contact resistance
- Approved for submersible and direct-burial designs for use below grade
- Meets performance requirements of ANSI C119.1, ANSI C119.4 and Western Underground Committee Guide 2.5
- Supplied with aluminum set-screws
- Includes silicone grease and CO-OX oxide inhibitor
- Fabricated from 6061-T6 aluminum alloy for conductivity and strength
- Each unit individually wrapped and labeled for ease of identification and cleanliness

Applications:

- Exterior and Parking Structure

Communications

Emergency Tower Communication Station

GAI-TRONICS' RED ALERT Tower provides a complete emergency communications station (RED ALERT tower, telephone, and LED strobe all sold separately). The tower is powder-coated with an epoxy finish to withstand harsh environments. The tower stands over nine feel tall with large EMERGENCY graphics on all four sides.

GAI-TRONICS®

Model #398-001
Emergency Telephone

Model #234
RED ALERT Tower

Model #540-001
LED Strobe

Features:

- RED ALERT Tower, architectural bronze, and safety blue standard colors (model #234)
- RED ALERT Emergency Telephone, help, autodial push button, call push button with keypad (model # 398-001)
- LED blue strobe with constant-on feature (model #540-001)

Applications:

- Exterior and Parking Structure

HUBBCOM™ Remote

The HUBBCOM Remote IP device is featured as a door or gate entry device, providing the convenience of card entry with the ability to connect to a live attendant for entry. In addition as a remote monitoring station, HUBBCOM Remote provides clear video from its HD, ONVIF-compatible camera and audio from a built-in microphone.

GAI-TRONICS®

Features:

- Point-to-point serverless audio and one-way video
- SIP telephone access
- Card access control (RFID or NFC)
- Vertical wide-angle HD camera
- Integral 2W speaker

Applications:

- Exterior and Parking Structure

Round Weatherproof Box

Bell Weatherproof Round Splice boxes are used as a weatherproof junction box. Excellent for branch circuit wiring in wet, damp or dry locations. These boxes are compatible with Bell round cluster covers and round lampholder combinations.

Features:

- Rugged die-cast aluminum construction
- Powder coat finish provides maximum weatherability and scratch resistance
- Includes Four 1/2" closure plugs
- Internal hub threads comply with NEMA requirements and accept all threaded fittings and threaded conduit
- Ground screw installed
- Multi-lingual instructions in each package

Applications:

- Parking areas
- Architectural outdoor area/site applications
- Pedestrian walkway applications
- Security areas (exterior)

Round Weatherproof Electrical Cluster Cover

Bell Outdoor Weatherproof Cluster covers are used with Bell single gang or round weatherproof boxes. Cluster covers provide and easy means of mounting Bell lampholders and other accessories.

Features:

- Rugged die-cast aluminum construction
- Powder coat finish provides maximum weatherability and scratch resistance
- Includes gasket and mounting hardware
- Multi-lingual instructions in each package
- Three hole covers supplied with two closure plugs
- NEMA 3R rated

Applications:

- Parking areas
- Architectural outdoor area/site applications
- Pedestrian walkway applications
- Security areas (exterior)

1-Gang Weatherproof Box

Bell Outdoor Weatherproof Electrical Single-Gang boxes are used in branch circuit wiring in wet, damp or dry locations. These boxes may be used as a weatherproof junction box, or as a housing for receptacles, switches and GFCIs.

Features:

- Rugged die-cast aluminum construction
- Powder coat finish provides maximum weatherability and scratch resistance
- Eight box mounting options with detachable lugs
- Includes two 1/2 in. closure plugs
- Internal hub threads comply with NEMA requirements and accept all threaded fittings and threaded conduit
- Ground screw installed
- Multi-lingual instructions in each package

Applications:

- Parking areas
- Architectural outdoor area/site applications
- Pedestrian walkway applications
- Security areas (exterior)

1-Gang Weatherproof Cluster Cover

Bell Outdoor Weatherproof Electrical Cluster covers are used with Bell single-gang rectangular or round weather-proof boxes. The cluster covers provide an easy means of mounting Bell lampholders and other accessories.

Features:

- Rugged die-cast aluminum construction
- Powder coat finish provides maximum weatherability and scratch resistance
- Includes gasket and mounting hardware
- Multi-lingual instructions in each package
- No closure plugs included
- NEMA 3R rated

Applications:

- Parking areas
- Architectural outdoor area/site applications
- Pedestrian walkway applications
- Security areas (exterior)

Below Ground Enclosures

Polymer concrete boxes positioned below grade, covers positioned at grade to house and protect utility components such as electrical, communications and water.

Quazite®

Features:

- High strength and durable
- Lighter weight than standard concrete
- Stable under freeze/thaw conditions
- Non-conductive and nonflammable
- Impact resistant
- UL listed and ASNI/SCTE 77 tier rated
- Multiple styles and sizes to meet vast application needs

Applications:

- Exterior and Parking (Outdoor)

Fiber Reinforced Polymer Enclosures

Vault Assembly, Corrugated fiberglass vault base & two piece polymer concrete covers with Torsion Assist.

Quazite®

Features:

- Tier 8
- 36”W x 60”D x 24”H
- Blank logo
- Vault interior dimensions 36 1/2”W x 60 1/4”D
- Shipped with ½-13 UNC Penta Head Bolts for securing the covers

Applications:

- Electrical and Mechanical Areas
- Exterior and Parking (Outdoor)
- Power/Renewable Energy

1-Gang Weatherproof Cover

Bell Outdoor Weatherproof Electrical Box Covers are used when weatherproof protection is required.

BELL OUTDOOR

Features:

- Rugged die-cast construction
- Powder coat finish provides maximum weatherability and scratch resistance
- Includes gasket and mounting hardware
- Multi-lingual instructions in each package
- Weatherproof aluminum is ideal for outdoor use
- Protects wiring for future locations of switches, outlets and other electrical devices
- Suitable for 1-gang device locations
- UL listed for safety

Applications:

- Parking areas
- Architectural outdoor area/site applications
- Pedestrian walkway applications
- Security areas (exterior)

MM420C 1-Gang Weatherproof Nonmetallic In-Use Cover

1-Gang Weatherproof In-Use Cover, EXTRA DUTY®, 16-in-1, 2-3/4 in. Deep, Clear

TayMac®

Features:

- High-impact polycarbonate construction provides maximum durability
- Patented Quick-Fit keyhole mounting system allows installation in under a minute
- Patented Universal Fit Adapter System Technology (U-Fast) for 16-in-1 custom device configurations, comes pre-configured for GFCI
- Includes attached gasket and mounting hardware
- Lockable tab (1/4 in. shackle)
- Extra Duty® rated
- Horizontal or vertical mount

Applications:

- Exterior and Parking (Outdoor

MKG420CS 1-Gang Complete In-Use Cover Kit

1-Gang, Complete In-Use Cover Kit - EXTRA DUTY® Hubbell WRTR 15 AMP Self Test GFCI, Standard In-Use Cover, Box

TayMac®

Features:

- Quick-Fit™ keyhole mounting system allows installation in under a minute
- High quality Hubbell WRTR device included
- Kit includes box, receptacle and cover
- Includes attached gasket and mounting hardware
- Lockable tab

Applications:

- Common and Public Spaces
- Exterior and Parking (Outdoor)

MX3200 1-Gang Weatherproof Metal In-Use Cover

1-Gang Weatherproof In-Use Cover, EXTRA DUTY, Vertical, 8-in-1, 3.125 in. Deep, Gray

TayMac®

Features:

- Heavy duty die-cast metal construction
- Meets or exceeds Extra Duty® specifications
- Patented Quick-Fit™ keyhole mounting system allows cover installation in under a minute
- Includes gasket and mounting hardware
- Base configuration with patented KnockOut™ technology for custom fitting
- Premium powdercoat finish
- Lockable tab

Applications:

- Common and Public Spaces
- Exterior and Parking (Outdoor)

MX4280S 1-Gang Weatherproof Low Profile In-Use Cover

1-Gang Weatherproof In-Use Cover, EXTRA DUTY®, Expandable, Vertical, 8-in-1, 3-1/2 in. Deep, Gray

TayMac®

Features:

- Revolutionary patented design expands from 2 in. to 3-1/2 in. for in-use needs
- Heavy duty die-cast metal construction with premium powder coat
- Patented Quick-Fit keyhole mounting system allows installation in under a minute
- Patented Universal Fit Adapter System Technology (U-Fast) for 8-in-1 custom device configurations, comes pre-configured for GFCI
- Lockable open or closed and fits full size padlock

Applications:

- Common and Public Spaces
- Exterior and Parking (Outdoor)

ML500 Expandable 1-Gang In-Use Weatherproof Cover

1-Gang Weatherproof In-Use Cover, Expandable, EXTRA DUTY® in Gray, White and Bronze

TayMac®

Features:

- Patented design expands from 1 in. to 3 in. for In-Use needs
- Ultra-rugged polycarbonate & synthetic neoprene rubber that will not dry rot, crack or deteriorate in sunlight
- Patented Quick-Fit keyhole mounting system allows installation in under one minute
- Patented Universal Fit Adapter System Technology (U-Fast) for 16-in-1 custom device configurations, comes pre-configured for GFCI
- 100% paintable surface
- Clear window allows for quick/easy visual

Applications:

- Common and Public Spaces
- Exterior and Parking (Outdoor)

2-Gang Weatherproof Cover

Bell Outdoor Weatherproof Electrical Box Covers are used when weatherproof protection is required.

Features:

- Rugged metallic construction
- Powder coat finish provides maximum weatherability and scratch resistance
- Installation hardware, gasket and multilingual instructions are included
- Vertical mount
- NEMA 3R rated

Applications:

- Parking areas
- Architectural outdoor area/site applications
- Pedestrian walkway applications
- Security areas (exterior)

4-in. Round Blank Cover

Bell Outdoor Weatherproof Electric Box covers are used with 4" round splice boxes.

Features:

- Rugged metallic construction
- Powder coat finish provides maximum weatherability and scratch resistance
- Includes gasket and mounting hardware
- Multi-lingual instructions in each package

Applications:

- Parking areas

Boxes & Covers

2-Gang Weatherproof Cover

Bell Outdoor Weatherproof Electrical Box Covers are used when weatherproof protection is required.

Features:

- Rugged metallic construction
- Powder coat finish provides maximum weatherability and scratch resistance
- Installation hardware, gasket and multilingual instructions are included
- Vertical mount
- NEMA 3R rated

Applications:

- Parking areas
- Architectural outdoor area/site applications
- Pedestrian walkway applications
- Security areas (exterior)

Above Ground Enclosures

Outdoor above ground backflow device enclosures in aluminum, fiberglass and HDPE which provide protection for outdoor infrastructure and piping systems.

Features:

- High quality, customizable options for all backflow applications
- Superior insulation aids in protection from outside temperatures
- Corrosion & scratch resistant external materials
- Quick and easy installation whether pre-assembled or modular
- Multiple material types; aluminum, fiberglass and HPDE
- Various options and added accessories for easy customization
- ASSE 1060 certified

Applications:

- Exterior and Parking Structure (Outdoor)

Enclosures

Pad Mounted Termination Enclosures

CMC pad mounted termination enclosures Provides a safe and convenient primary cable terminating, sectionalizing, tapping, and switching point for underground distribution systems.

Aluminum mechanical bar connector eliminates compression tools, lugs and bolt assemblies. Aluminum enclosure is lightweight, low maintenance and has excellent corrosion resistance. Ample working space, allowing for easier termination with a removable swinging door.

CONNECTOR MANUFACTURING COMPANY

Features:

- Heavy-Duty channelized construction
- Standard cabinet fabricated from 14 ga. galvanized steel
- Available in stainless steel or aluminum
- Heavy duty wind locks standard on all models
- Custom sizes/special junction mounting brackets available
- Stainless steel hinge barrels, pins, padlock hasp and exterior hardware
- Ground nut provision for each phase.
- Units shipped completely assembled (except Junctions)

Applications:

- Exterior and Parking Structure (Outdoor)

Transformers

Dry Type Distribution Transformer T3075K0013B

Acme Electric's three phase dry-type distribution transformers operate quietly with sound levels below NEMA standards. Units are manufactured with high quality electrical steel cores for high strength and durability.

Acme Electric®

Features:

- Three Phase, 480Δ - 208Y/120V, 75kVA
- Quite operation with sound levels below NEMA standards
- 3R Compliant -- all new units ship with weather shields installed
- Primary and secondary terminals come standard with lugs (up to 112.5kVA) for quicker, easier connections
- Aluminum winding provide increased insulation life, cooler operation, and lower losses
- Enclosure sizes of DOE 2016 units are identical to TP-1 sizes

Applications:

- Data Center Operations (UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking
- Power/Renewable Energy

Dry Type Distribution Transformer T253012S

Acme Electric offers a large selection of dry-type distribution transformers. Ranging from 600 Volt and below, in both Single and Three Phase, you're sure to find the right one for your needs.

Acme Electric®

Features:

- Single Phase, 240X480 - 120/240V, 2kVA
- Quite operation with sound levels below NEMA standards
- Electrostatic shield for enhanced protection

Applications:

- Common and Public Spaces
- Data Center Operations (Computer Rooms, Server Rooms and UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking

Panel-Tran Zone Power Center

Zone power centers combine an Acme-encapsulated distribution transformer with a power panel assembly in one convenient UL-3R enclosure -- for indoor/outdoor or service entrance equipment applications.

Acme Electric®

Features:

- Single Phase, 480 - 120/240V, 15kVA, Snap In Breakers
- Fully compliant with NEC 450-3
- Electrostatic shield for enhanced protection
- Primary and Secondary main circuit breakers provided

Applications:

- Data Center Operations (UPS Areas and Server Areas)
- Electrical and Mechanical Areas
- Exterior and Parking
- Power/Renewable Energy

Transformers

Buck-Boost Transformer

Acme Electric buck-boost transformers are the ideal solution anytime a line voltage change in the 5-15% range is required in single phase or three phase applications.

Unit are assembled and prewired at the factory in one convenient package to reduce installation cost.

Features:

- Single Phase, 120 X 240 - 12/24V, 750VA
- UL listed, CSA certified and UL 3R enclosure, meets or exceeds all listing criteria, including NEMA, ANSI, and OSHA standards
- Flexibility, can be used in single phase and three phase configurations
- Reduce (buck) or raise (boost) line voltage from 5 - 20%
- All copper lead wire terminations
- Long life, 80° C rise up to 0.15 kVA, and 115° C rise above 0.25 kVA
- Can be used in three phase applications

Applications:

- Common and Public Spaces
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking

Tools

Instant Bollard Foundation

Chance Instant Foundation Solutions bollard foundation offers immediate loading—no wait time for concrete to cure. Remove and reuse the foundation. Simply reverse the motor to back out. Quick and easy installation using standard hydraulic equipment. Installs in most weather conditions, even below freezing. No excavation or spoil removal. Commonly installed in 10 minutes with a two-man crew.

Features:

- Variable 4–8" bolt circle
- 4 slots, 1/2" diameter x 2-1/4" long
- 2-3/8" OD x 36" long
- 1/2" thick x 7" square base plate, variable circle
- Hardware included

Applications:

- Exterior and Parking Structure

Tools

Instant Street Light Foundation

Chance Instant Foundation Solutions streetlight foundation offers immediate loading—no wait for concrete to cure. Remove and reuse the foundation. Simply reverse the motor to back out. Designed and engineered in the USA. Quick and easy installation using standard hydraulic equipment. Installs in most weather conditions, even below freezing. No excavation or spoil removal. Commonly installed in 10 minutes with a two-man crew.

Features:

- Variable 9–14" bolt circle
- 4 slots, 1" diameter x 4" long
- 6-5/8" OD x 60" long
- 1" thick x 12" square base plate, variable circle
- Hardware included

Applications:

- Exterior and Parking Structure

Power & Renewable Energy

Protecta III LED

The Protecta III is a proven and reliable T8 fluorescent luminaire. The Protecta's rugged, corrosion resistant construction (IP66/IP67) combined with an advanced high frequency ballast ensures minimum product maintenance. When access is required the Protecta III features an easy access clamp bar and automatic lamp de-energization.

Features:

- Simple rugged construction
- Advanced control gear for 50/60Hz operation, high power correction factor and regulated lamp output that is 20% higher at -20°C compared to competitive products
- Resistant to voltage fluctuations
- DC operation
- Quick release mains terminals
- DTS-01 deluge tested
- Vibration tested to comply with Lloyds/DNV
- End of life (EOL) protection to IEC 60079-7

Applications:

- Power/Renewable Energy

HDL106N

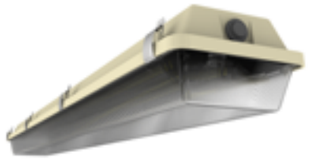
The HDL106 LED luminaire is a lightweight floodlight that can be linked together for a higher LED output. For all your floodlight needs, look no further than our versatile, low energy consuming solutions.

HDL106N:

Type	Description
HDL106NE	The HDL106NE is a distinctive Emergency LED luminaire allowing up to four modules interlinked, providing an effective and efficient alternative to traditional battery-backed luminaires. With a variety of beam options available, and integral battery backup allowing for either 90 minutes or 3 hours battery duration, this is a flexible solution for any Emergency application.
HDN106N	The HDN106Nis an outstanding luminaire, with a variety of beam options to suit any industrial application. Up to four modules can be interlinked to increase the output without impacting on the product performance, and provide an effective replacement for conventional HID floodlights, up to 250W.
HDN106NE	The HDN106NE is a distinctive Emergency LED luminaire allowing up to four modules interlinked, providing an effective and efficient replacement to traditional battery-backed luminaires. With a wide ambient range and multiple beam options available, this is a truly global industrial solution for any application where Emergency lighting is required for a period of 90mins or 3hrs

Sterling III LED

The Sterling III LED is a high quality, cost effective linear luminaire featuring a lightweight, single geartray. This design allows for ease of installation and maintenance. Available with or without internal opal diffusers to suit any industrial application.



Features:

- Highly Energy Efficient
- Lightweight and slimline construction
- 155,000 maintenance free hours at 45°C (L70)
- Mounting options - Ceiling/ Wall/ Suspended/ Pole
- Easy installation and maintenance

Applications:

- Power/Renewable Energy

Solas LED

The unique characteristics of the Solas offers a versatile luminaire with 100% output in emergency mode. Using ultra bright LEDs, the Solas is well-suited to lighting critical safety areas in emergency situations. The manually-operated remote feature is available on all emergency versions.

Features:

- No re-lamping required - over 60,000 hours continuous operation
- Low ambient temperatures
- Non-maintained or Maintained modes
- Comparable with 70W HPS floodlight
- Emergency inhibition
- Highly energy efficient
- Self- contained battery for emergency backup lighting

Applications:

- Power/Renewable Energy

TRP2 GeoPak

Mid sized architectural wallpacks in three stylish shapes with molded contours to accentuate building architecture. Provides excellent illumination in energy-saving LED systems.

Features:

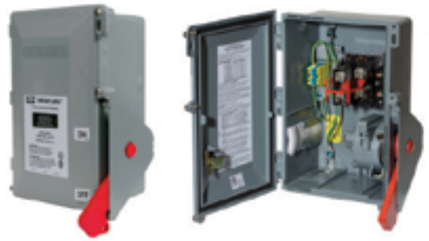
- Type I, II, III and IV distributions for a wide variety of applications
- Low glare asymmetric optics for optimal performance and visual comfort
- Easy to install and retrofit existing HID luminaires with similar footprint
- Control capabilities offer additional energy savings options
- Integral battery backup options
- Option uplight graze, spot and canopy distributions

Applications:

- Exterior and Parking (Outdoor)
- Power/Renewable Energy

Circuit-Lock Fused Disconnect Switches

When it comes to safely shutting down power, nothing performs like Hubbell Circuit-Lock. Required by the NEC® within line of sight of all motor controllers and power driven equipment, Hubbell Circuit-Lock Disconnect Switches feature a highly-visible red handle that can be locked in the off position to comply with OSHA lockout-tagout requirements. Housed in a corrosion and impact-resistant Type 4X enclosure with a watertight neoprene gasket, Hubbell Circuit-Lock Disconnect Switches are UL listed as both a motor controller and disconnect for maximum value. Circuit-Lock Disconnect Switches are available in 30, 60 and 100 Amp 600-Volt AC ratings with available auxiliary contacts for various control applications.



30 and 60 Amp Fused Disconnect Switches

Description	Catalog Number
30A Circuit-Lock fused disconnect switch.	**FDS30**
60A Circuit-Lock fused disconnect switch.	**FDS60**

Auxiliary Contacts

Description	Catalog Number
Auxiliary contact, normally open, A600 pilot duty.	**ACFSNO**
Auxiliary contact, normally closed, A600 pilot duty.	**ACFSNC**

Compression Tap Connectors

Burndy® Compression Tap Connectors are used for routing power or voltage drop applications.

Color code system matches installation die color coding. Clear cover is used to allow for visual inspection after installation. Accommodates greater wire range with a single connector. Some designs accommodate more than one tap connection. Can be used for voltage drop applications.

BURNDY

Features:

- Copper wire connector
- Accommodates Copper Code Class B (Concentric, Compressed, Compact) or Class C wire and copper flex. See product details for specific wire classes.
- Electro-tin Plated for added corrosion resistance.
- Color coded markings
- Comes with clear cover
- UL Listed *with Burndy Engineered System
- CSA Certified to C22.2

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Modular or Prefab Data Centers
- Power/Renewable Energy

Compression Terminal Connectors

Burndy® Compression Terminal Connectors are used for terminating power.

Inspection window allows for full wire insertion examination. Two hold mounting pad provides extra fastening strength. Long barrel with additional crimps allows for stronger mechanical connection strength. Color code system matches installation die color coding. Barrel ink bands identify the crimp zone and approximate crimp locations.

BURNDY

Features:

- Copper wire connectors
- Two hole mounting pad
- Electro-tin plated
- Clear markings on pad and barrel
- Accommodates Copper Code Class B (Concentric, Compressed, Compact) or Class C wire and copper flex

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms, Server Areas and UPS Areas)
- Modular or Prefab Data Centers
- Power/Renewable Energy

Fence Post Connectors

Burndy® mechanical grounding connectors for fence posts and fence mesh. Easy, fast installation for all grounding and bonding applications.

BURNDY

Features:

- Range taking
- No special tooling required
- Secure connections using bolts or other hardware
- Meets UL467 for Ground and Bonding applications

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms)
- Exterior and Parking (Outdoor)
- Power/Renewable Energy

Bus Bars

Ideal as a common grounding point in a data center, the UL Listed BURNDY® bus bar is available in a 12-inch and 24-inch undrilled model, which can be custom made in the field. In addition, two bus bars have been specifically designed to be mounted either vertically or horizontally to an equipment rack used to support computer equipment.

BURNDY

Features:

- Bare copper busbar
- UL Listed for grounding
- Available In various sizes and hole patterns
- Brackets and Insulators included with most styles
- May be used as a common ground point and power applications

Applications:

- Data Center Operations

Flexible Braid

Braid assemblies are referred to by many names including shunts and power shunts to grounding jumpers, busbar connections, flexible leads, bonding straps, cable jumpers and flexible gate jumpers.

Burndy can help determine the type of braid that will work best for your application and provide the appropriate solution to customize your order. Count on our Customer Service Representatives for assistance and take advantage of our 90 years of experience in the electrical industry.

BURNDY

BURNDY® Braid

Features:

Burndy Braid Assemblies are an economical and efficient means of protecting electrical equipment from the potentially harmful effects of:

- Shock and vibration
- Terminal or connection area expansion due to temperature changes
- Movement of components
- Misalignment that may occur during the service life of electrical equipment and machinery
- Seasonal movement of outdoor equipment (common in substations)

Applications:

- Data Center Operations (Computer Rooms)
- Modular or Prefab Data Centers

Raised Floor Pedestal Ground Connectors

Burndy's raised floor connectors allow one or two grounding conductors within the range - 4 AWG to 4/0 AWG to be used for connecting square or round pedestals to an equipotential grid -- ensuring safety.

BURNDY

Features:

- Cast copper construction, #6 Sol.-4/0 Str.
- Dimensions: 4.53" long X 3.94" wide
- Torque: 120 IN-LB

Applications:

- Data Center Operations

Cold Shrink Products

Burndy's Cold Shrink Products are a quick and reliable way to insulate connectors, add inspectability and save labor costs.

BURNDY

Cold Shrink Products:

Type	Description
	Burndy clear cold shrink tubing is a quick, reliable way to insulate connectors, add inspectability and save labor costs.
CCSC110600 **CCSC146600** **CCSC200600**	• Dielectric strength • Mechanical Protection • Abrasion Protection • Cable Insulation
	Burndy cold applied splice sealing products are made of specially formulated silicone rubber and offer excellent insulation and moisture proof sealing for in-line cable connector systems or elbow to cable jacket applications. The rubber sleeves are factory expanded and held over a removable, plastic rip core housing. Type CSJ also includes a mastic seal. Operating temperature range: -40°C to 105°C. Meets ANSI C119.1-1986.
CSB037800SR1 **CSB051900SR1** **CSB097900SR1** **CSB0971200SR1** **CSB125900SR1** **CSB163900SR1** **CSJ**	• Easy, safe installation • Suitable for a wide range of cable sizes • UV resistance, thermal stability • No special tools or training required • Forms a moisture proof seal • Superior, time-saving insulation technology • Indoor and outdoor applications

Penetrox Oxide Inhibitor

All Penetrox compounds contain homogeneously suspended metal particles. These suspended metal particles assist in penetrating thin oxide films, act as electrical "bridges" between conductor strands, aid in gripping the conductor, improve electrical conductivity and enhance the integrity of the connection.

BURNDY

Features:

- Produces low initial contact resistance
- Seals out air and moisture
- Prevents oxidation or corrosion
- Exhibitx superior weathering characteristics
- Usable over wide temperature ranges
- Provides a high conductivity "gastight" joint

Applications:

- Data Center Operations (Computer Room)
- Telecommunications Room
- Electrical and Mechanical Areas
- Power/Renewable Energy

HYGROUND® YG-B Series Bus Bar Connector

This connector allows a ground conductor to be easily attached to busbar or steel with thickness of 1/8" to 1/4" and a wire range of 1/0 to 4/0.

BURNDY

Features:

- Uses 1 or 2 conductors for power, grounding and bonding applictions
- UL486 And UL467 Listed
- Suitable for direct burial

Applications:

- Data Center Operations (Computer Room)

Ground Connectors

Burndy offers several types of raised floor grounding connectors, designed especially for the data center industry.

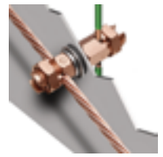
BURNDY

Connector Type	Description
GC-CT Cabletray Ground Clamp	Made of tin-plated cast copper alloy this clamp accommodates one or two conductors and copper or aluminum cable. Suitable for direct burial in concrete or earth.
GAR Parallel or 90° Copper Cable Connection to Rod or Pipe	High copper alloy ground connector to joins a range of cable at parallel or at right angles to rod or tube. Suitable for direct burial in concrete or earth.
BTCGC Ground Tray Clamp	Aluminum construction, suitable for outdoor applications. Can be used with most types of cable trays with inside or outside flanges. Accommodate a wide range of ground wire sizes.
GB, GBM Ground Connector Copper Cable to Bar	High copper alloy connector to join a range of cable to 1/4" thick bar with one-wrench installation. Type GB separates cable from bar, GBM clamps cable directly on bar surface. UL467 Listed. Suitable for direct burial in concrete or ground.
KS SERVIT® for Copper	Compact, high strength, high copper alloy SERVIT® split-bolt has free-running threads and easy to grip wrench flats. UL467 Listed for direct burial applications in earth or concrete.

Equipment Grounding

BURNDY mechanical grounding lugs can be used to adequately ground equipment. All Burndy mechanical grounding connectors have been designed for easy installation and for outstanding durability. Only the finest high copper alloys are used in their manufacture, ensuring top performance under the most extreme environmental conditions.

BURNDY



KCKF

CL

GKA

KPB

Features:

- UL 467 Listed for direct burial applications in earth or concrete

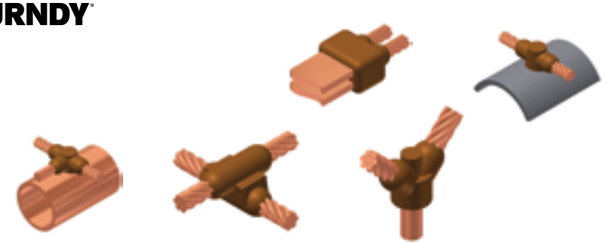
Applications:

- Exterior and Parking Structure
- Renewable Energy

thermOweld Cathodic Protection

The thermOweld® permanent-connection process is engineered for and easy and efficient field welding system. No outside power, bulky gas tanks or other equipment associated with welding is required with the thermOweld system. Any field installer or contractor can use our high-grade graphite molds designed and produced in thermOweld's CNC manufacturing operations.

BURNDY



thermOweld Cathodic Protection:

Type	Description
CC	Cable to Cable Connection.
CR	Cable to Ground Rod Connection
RR	Ground Rod to Ground Rod Connection.
CS	Cable to Steel Connection.
CB	Cable to Bar Connection.
RRE	Cable to Rebar Connection.

Applications:

- Data Center Operations (Computer Room, Server Areas and UPS Areas)
- Power/Renewable Energy

Mechanical Connectors

Hubbell supplies a broad range of electrical connectors that are fabricated from 6061-T6 aluminum alloy as well a range of electrolytic copper electrical connectors.

HUBBELL Power Systems, Inc.

Mechanical Connectors:

Catalog #	Material	Type	Dimensions
AB-750S	6061-T6 Aluminum	Bolted Lugs & Terminals	3.25 in x 1.44 in x 1.8 in
AB-500S	6061-T6 Aluminum	Bolted Lugs & Terminals	2.62 in x 1.25 in x 1.44 in
AB-500-1	6061-T6 Aluminum	Bolted Lugs & Terminals	2.48 in x 1.38 in x 1.44 in
2AB-750	6061-T6 Aluminum	Bolted Lugs & Terminals	3.25 in x 3.50 in x 1.81 in
LA350R	6061-T6 Aluminum	Bolted Lugs & Terminals	1.91 in x 1.0 in x 1.13 in
GPT-350	6061-T6 Aluminum	Tap Connectors	2.56 in x 1.25 in x 1.44 in
NA-70	6061-T6 Aluminum	Neutral Bars	0.50 in X 0.38 in
SCB-1/0	6061-T6 Aluminum	Neutral Bars	0.63 in x 0.38 in
CF-125	Pure Electrolytic Copper	Bolted Lugs & Terminals	1.97 in x 0.63 in x 1.34 in
N70-12-1	Pure Electrolytic Copper	Neutral Bars	----
LCB-1/0	Pure Electrolytic Copper	Neutral Bars	----

WEEB® Washer

The WEEB Washer is inserted between the module frame and mounting structure and the teeth of the WEEB pierce the anodized coating. The result provides excellent conductivity without oxidation— bonding the PV module frame with the metal racking structure. Essentially, the module and rail become one singular piece of metal, creating an electrical path to the ground.

WEEB® washers eliminate the need for older, more expensive grounding methods while significantly reducing the amount of labor and materials used in installations.

wiley

Features:

- ETL Listed to ANSI/UL 467
- UL Recognized to UL 2703
- CSA Certified to C22.2 No. 41
- Corrosion-resistant 304 stainless-steel construction
- Reliability for use throughout the lifetime of the PV system
- Rated for outdoor or multiuse

Applications:

- Power/Renewable Energy

WEEB® Grounding Lug

The WEEB® Grounding Lug is constructed of corrosion resistant, tin-plated copper, the Wiley line of grounding lugs are high quality solutions for your solar PV system. The tin-plated lug assures minimum contact resistance and protection against corrosion. The low profile of the grounding lug allows it to be installed in a variety of positions with one solid or stranded copper wire (14 AWG to 6 AWG), or two copper wires (12 AWG to 10 AWG). Copper wire is secured by a 1/4-28 stainless steel screw, which is horizontal to the tang. This allows for easy access when mounted under a PV module. The result is a continuous ground on all solar applications.

wiley

Features:

- Made of corrosion-resistant, tin-plated copper
- Design ensures a quick and easy installation
- No surface preparation required on the rail or module
- Reliability for use throughout the lifetime of the PV system
- UL 2703 Listed
- ETL Listed to ANSI/UL 467
- CSA Certified to C22.2 No. 41

Applications:

- Power/Renewable Energy

WEEB® Bonding Jumper

The Wiley line of bonding jumpers are high quality solutions for your solar PV system. The WEEB® Bonding Jumper, constructed of corrosion resistant, tin-plated, braided copper, creates an electrical connection between two pieces of anodized aluminum or any electrically-conductive metal. This connection maintains electrical continuity over long spans or air gaps between metal structures.

wiley

Features:

- Equivalent to 6AWG
- In-stock standard lengths from 6" to 36"
- 10, 8 and 4 AWG options available
- UL 2703 Listed
- ETL Listed to ANSI/UL 467
- CSA Certified to C22.2 No. 41

Applications:

- Power/Renewable Energy

Solar Module Cable Clips

Engineered for high quality wire management solutions, Wiley Cable Clips simplify wire management and create a cleaner aesthetic to solar PV arrays. The clips are made of corrosion resistant stainless steel, which makes them a durable, long lasting and reliable solution for all environments, and designed with coined edges to prevent damage to cable insulation.

Features:

- Accommodation for a broad range of cable combinations and sizes (e.g., USE-2, PV, AC module and micro inverter cables)
- Compatible on modules with a flange thickness range of 1.3 to 2.5mm
- No tools required for installation
- Multiuse capabilities
- Coined edges to prevent damage to cable insulation
- Reliability for use throughout the lifetime of the PV system
- UL 1565 Listed

Applications:

- Power/Renewable Energy

Solar Mid-Clamp

The universal mid-clamp and adjustable end clamp designs accommodate various module thicknesses. The Wiley Mid-Clamp uses proven WEEB® technology for integrated bonding -- with quick and easy installation.

Features:

- Low profile design
- Increased inspectability
- Available in mill finish, or black or clear anodizing
- Custom designs and finishes available upon request
- Reliability for use throughout the lifetime of the PV system
- ETL Listed to ANSI/UL 467
- UL Recognized to UL 2703

Applications:

- Power/Renewable Energy

ACE Conduit Entry Box

The ACE Conduit Entry Box makes quick and simple transitions from USE-2 or PV array wire to conduit protected THWN-2 wire. The box features a compact two-piece UV resistant, NEMA 3R rated enclosure that allows ample wiring space and is compatible with any conduit type.

Features:

- Convenient side and bottom conduit drill-out for easy conduit routing
- Choice of pass-through or combiner box with bracket
- Compatible with any conduit type
- Preassembled for quick and easy installation
- UL 1741 Listed
- 1000V DC rating

Applications:

- Power/Renewable Energy

ACE Conduit Entry Box

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Features:

- Convenient side and bottom conduit drill-out for easy conduit routing
- Choice of pass-through or combiner box with bracket
- Compatible with any conduit type
- Preassembled for quick and easy installation
- UL 1741 Listed
- 1000V DC rating

Applications:

- Power/Renewable Energy

Grounding & Bonding

WEEB® Two Hole Telecom Washer

The Telecom WEEB® Washer design utilizes patented teeth, eliminating the need to remove nonconductive coatings (e.g. anodization and powder coat) when making bonding connections. The teeth pierce through most nonconductive coatings and embed into the underlying metal, creating a bonding connection between the lug and the coated metal component.

Features:

- Made from corrosion resistant 304 stainless steel for outstanding durability and performance
- Eliminates the need for surface preparation and oxide inhibitor
- Detailed manual specifying proper hardware, torque, and mounting information is available upon request
- UL 467 Recognized for grounding and bonding equipment

Applications:

- Power/Renewable Energy

Cable & Wire Management

CT Series Cable Ties

Burndy® UNIRAP™ cable ties are fabricated of one piece nylon with parts. The straps are tough, resilient, lightweight and abrasion resistant. They offer high tensile strength and are chemically resistive to solvents, alkalides, oils, grease and diluted acids. Self-locking, the secure without twisting or leaving sharp projections.

Organizes wires in all areas of buildings within the walls, ceilings, desk areas, sanitized areas and clean rooms.

Features:

- Nylon 6/6 and nylon 12 cable ties
- Styles include releasable, identification and screw mount
- Bundle diameter range of .06" to 12"
- Tensile strength from 18 lbs. to 250 lbs.

Applications:

- Data Center Telecommunications Room
- Data Center Operations (Computer Rooms)
- Electrical and Mechanical Areas
- Modular or Prefab Data Centers
- Power/Renewable Energy

Cable & Wire Management

CTSS Series Cable Ties

Burndy® 304 Stainless Steel ties are designed to secure hoses, cables, poles, pipes, and more when harsh environmental conditions may adversely affect the bundling application. Used where corrosion, vibration, weathering, radiation, and temperature extremes are a concern. Burndy® Stainless Steel ties can be used in virtually any indoor, outdoor, and underground application.

Features:

- 304 Grade Stainless Steel
- Meet the requirements of ABS
- Low profile clamping bearing head with fully adjustable strap accommodates many bundle diameters
- Smooth, rounded edges help ensure safe, efficient handling
- Self-locking steel ball design speeds installation and locks into place at any length
- Provides a strong durable method of cable bundling
- Flame retardant and non-toxic for applications where safety from fire is critical

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms)
- Electrical and Mechanical Areas
- Modular or Prefab Data Centers
- Power/Renewable Energy

Heat Shrink

Burndy® thin wall and heavy duty heat shrink used in indoor and outdoor applications protects wires and connections for terminals, taps and splice connectors.

Features:

- Cross linked polyolefin construction
- Protects from environments and abrasion
- Used in indoor and outdoor applications
- Clear heat shrink provides inspection of electrical connection, termination or splice
- Standard heat shrink for color coding
- Forms a moisture-proof seal

Applications:

- Telecommunications Room
- Data Center Operations (Computer Rooms)
- Modular or Prefab Data Centers

Underground Connector - Deadbreak TapMaster Junction Mounting Bracket

TapMaster Junction, Mounting Brackets, 4 positions Hubbell TapMaster™ Multi-Point Junctions are designed and tested to meet IEEE Std. 386.

HUBBELL® Utility Solutions

Features:

- Provides a simple solution to take 200 A taps off a 600 A system, with increased flexibility to operate and maintain the distribution system.
- Eliminates the need to stack 200 A taps on a 600 A T-body.
- Provides an easy method to disconnect a 600 A elbow from a junction location without moving 200 A cable.
- Flexibility to design a junction location with provisions for testing and grounding by simply adding a well location where a standard bushing insert and insulating cap can be installed for future use. This location can be used to test and ground without moving cables or “breaking down” the installation. It may also be used as an arrester location.

Applications:

- Power/Renewable Energy

Underground Connector - Deadbreak T-body Elbow Kit

25/28 kV, 600 Amp, T-Body Kit w/ Test Point
The 25/28 kV TapMaster™ Junction offers a complete change in design approach, addressing the issues of space savings in vaults and enclosures, mounting flexibility and the flexibility of locating parking stands to accept accessory products required to operate and maintain a distribution system.

HUBBELL® Utility Solutions

Features:

- Cable insulation range 1.370 in - 1.630 in.
- Kit includes T-body, insulating plug with cap, 1000 compression lug, threaded stud, and cable adapter.

Applications:

- Power/Renewable Energy

Underground Connector - Loadbreak Elbow 15kV

15 kV, Load Break Elbow w/ Test Point, Bimetal Contact

Hubbell Loadbreak Elbows are designed to terminate underground cables and provide a plug-in connection to transformers, switches, and sectionalizing cabinets. Hubbell Loadbreak Elbows mate with the matching class of loadbreak interfaces and meet the requirements of IEEE Standard 386 - latest revision.

HUBBELL® Utility Solutions

Features:

- 200 Amp, 15 kV, with Test Point, Long Bimetal Contact
- Cable Insulation Diameter range = 0.760 - 1.135 inches
- 2/0 Solid or Compacted and 1/0 Stranded or Compressed

Applications:

- Power/Renewable Energy

Underground Connector - Elbow Arrester - 15kV

Deadfront Elbow Arrester, 15kV 8.4 MCOV

Hubbell elbow and parking stand lightning arresters are gapless, metal oxide varistor (MOV) type surge arresters. They are designed to provide shielded, dead-front arrester protection for 15/25/28/35 kV underground systems. The arresters limit over- voltages to acceptable levels, protecting equipment and extending service life.

HUBBELL® Utility Solutions

Features:

- Pulling Eye provides positive hotstick operation.
- Peroxide-cured EPDM rubber insulation offers proven reliability and dimensional stability.
- Molded Shield meets all requirements of IEEE Std. 592 for exposed semi-conducting shields.
- Drain Wire Tab provides a contact point to attach a #14 ground wire -- ensurrd shield is at ground potential and maintains deadfront construction.
- Fiberglass Wrap ensures that the MOV block stack remains in one piece and prevents the blocks from breaching the side wall should the arrester fail.
- ID Band provides clear visual identification of arrester MCOV and duty cycle ratings.
- Flexible Lead is #4 AWG copper rope lay conductor 595 strand with soldered ends to prevent fraying.

Applications:

- Power/Renewable Energy

Boxes & Covers

HDPE Enclosures

Structural foam molded high density polyethylene, also called HDPE, is a light weight, high strength plastic molding process that provides outstanding structural integrity and durability.

HDPE enclosures are mated with covers made from a variety of materials: HDPE, polymer concrete or steel. This combination creates a highly versatile choice for underground utility enclosures where low weight and high strength are necessary.

Features:

- Assembly, Gray, HDPE Box and H-Lite Fiberglass Composite Cover, Tier 22, 17" x 30" x 24", w/2 Bolts

Applications:

- Power/Renewable Energy

Fiber Reinforced Polymer Enclosures

Vault Assembly, Corrugated fiberglass vault base & two piece polymer concrete covers with Torsion Assist.

Features:

- Tier 8
- 36"W x 60"D x 24"H
- Blank logo
- Vault interior dimensions 36 1/2"W x 60 1/4"D
- Shipped with ½-13 UNC Penta Head Bolts for securing the covers

Applications:

- Electrical and Mechanical Areas
- Exterior and Parking (Outdoor)
- Power/Renewable Energy

NEMA 4X JIC Continuous Hinge Electrical Enclosure

Wiegmann NEMA 4X JIC Continuous Hinge Quarter Turn 12X12X6 304 Stainless Steel.

The Ultimate Mini-Max series enclosures are designed to house and protect electrical and electronic components in harsh, dirty environments. Streamlined styling, quarter-turn latch, and attractive durable finish complement any high tech electronic equipment.

Features:

- 1/4 turn style JIC enclosure makes for easy door seal
- Eliminates the need for exterior clips to secure door shut
- 1/4 turn latch is interchangeable with many locking designs available to better suit the customer
- FTC flange around the entire door opening to channel liquids away
- Available in light grained finish 304 or 316 stainless steel

Applications:

- Exterior and Parking (Indoor)
- Power/Renewable Energy

Dry Type Distribution Transformer T3075K0013B

Acme Electric's three phase dry-type distribution transformers operate quietly with sound levels below NEMA standards. Units are manufactured with high quality electrical steel cores for high strength and durability.

Features:

- Three Phase, 480Δ - 208Y/120V, 75kVA
- Quite operation with sound levels below NEMA standards
- 3R Compliant -- all new units ship with weather shields installed
- Primary and secondary terminals come standard with lugs (up to 112.5kVA) for quicker, easier connections
- Aluminum winding provide increased insulation life, cooler operation, and lower losses
- Enclosure sizes of DOE 2016 units are identical to TP-1 sizes

Applications:

- Data Center Operations (UPS Areas)
- Electrical and Mechanical Areas
- Exterior and Parking
- Power/Renewable Energy

Non Linear Load Transformer

Acme Electric's non-linear load transformers protect equipment on the line and prevent damage caused by harmonic currents.

Special winding techniques minimize eddy current losses generated by harmonic currents and a double-sized neutral conductor handles the excessive neutral current found in non-linear load applications.

Features:

- Three Phase, 480Δ - 208Y/120V, 75kVA, K13
- Available in K-factors of 4, 13 and 20 (consult factory for other K-factors)
- 3R Compliant
- All new units ship with weather shields installed (easily be removable)
- Primary and secondary terminals come standard with lugs (up to 112.5kVA) for quicker, easier connections

Applications:

- Data Center Operations (UPS Areas)
- Electrical and Mechanical Areas
- Power/Renewable Energy

Panel-Tran Zone Power Center

Zone power centers combine an Acme-encapsulated distribution transformer with a power panel assembly in one convenient UL-3R enclosure -- for indoor/outdoor or service entrance equipment applications.

Features:

- Single Phase, 480 - 120/240V, 15kVA, Snap In Breakers
- Fully compliant with NEC 450-3
- Electrostatic shield for enhanced protection
- Primary and Secondary main circuit breakers provided

Applications:

- Data Center Operations (UPS Areas and Server Areas)
- Electrical and Mechanical Areas
- Exterior and Parking
- Power/Renewable Energy

Harmonic Mitigating Transformer

Acme Electric harmonic mitigating transformers use a time-proven zig-zag connection in the secondary circuit to cancel triplen harmonics and eliminate overheating and other problems associated with non-linear loads. This technology results in cooler operation, cleaner power and provides a more energy efficient means of dealing with harmonic problems as compared to traditional non-linear or K-rated transformers.

Features:

- Three Phase, 480Δ - 208Y/120V, 30kVA
- Reduces supply voltage flat topping
- Improves overall power factor of supply system
- Suitable for K Factor loads
- Electrostatic shield for enhanced protection

Applications:

- Data Center Operations (UPS Areas)
- Electrical and Mechanical Areas
- Power/Renewable Energy

Medium Voltage Transformer

Acme Electric medium voltage dry-type transformers are air cooled by natural convection, eliminating the principal hazards associated with liquid-filled transformers and the need for expensive fireproof vaults and venting systems for toxic gas.

Theses units are generally smaller, lighter, and easier to maintain than liquid-filled transformers, requiring only occasional cleaning and inspection. Units are encased in a ventilated steel enclosure with no exposed live parts, ideal for installation in buildings including hospitals, theaters, schools, office buildings, and factories.

Features:

- Three Phase, 4160Δ - 208Y/120V, 75kVA
- Lower operating cost over Liquid-filled
- No additional fireproofing or venting
- Long life expectancy
- Smaller, lighter easy to maintain

Applications:

- Data Center Operations (UPS Areas)
- Electrical and Mechanical Areas
- Power/Renewable Energy

Transformers

Weatherproof LED Swivel Commercial Grade Flood Lights

The Bell Outdoor LL1200 commercial grade series of LED Swivel Flood Lights are attractive and durable, bringing years of enjoyment, safety and convenience for many architectural or landscape lighting needs.

Features:

- 3000K warm white light with even distribution
- Rugged die-cast metal construction
- Powder coat finish provides maximum weatherability and scratch resistance
- Tempered glass lens
- Maintenance-free, LED-rated for 50,000 hours

Applications:

- Parking areas
- Architectural outdoor area/site applications
- Pedestrian walkway applications
- Security areas (exterior)

Insulators

PSP205-3001 Porcelain Station Post Insulator

Porcelain Station Post meeting TR 205.

Features:

- BIL kV: 110
- Height: 10 in.
- Leakage Distance: 15.5 in.
- Wet 60 Hz Withstand kV: 45
- Cantilever Strength: 2000 lbs.
- Tension Strength: 8500 lbs.
- Compression Strength: 10,000 lbs.
- Torsion Strength: 7000 in.-lbs.

Applications:

- Power/Renewable Energy

PSP208-3001 Porcelain Station Post Insulator

Porcelain Station Post meeting TR 208.

Features:

- BIL kV: 150
- Height: 14 in.
- Leakage Distance: 24 in.
- Wet 60 Hz Withstand kV: 60
- Cantilever Strength: 2000 lbs.
- Tension Strength: 10000 lbs.
- Compression Strength: 10000 lbs.
- Torsion Strength: 8000 in.-lbs.

Applications:

- Power/Renewable Energy

PSP210-3001 Porcelain Station Post Insulator

Porcelain Station Post meeting TR 210.

Features:

- BIL kV: 200
- Height: 18 in.
- Leakage Distance: 37 in.
- Wet 60 Hz Withstand kV: 60
- Cantilever Strength: 4000 lbs.
- Tension Strength: 20000 lbs.
- Compression Strength: 20000 lbs.
- Torsion Strength: 16000 in.-lbs.

Applications:

- Power/Renewable Energy

Silicone Station Post Insulators

Silicone Station Post insulator, series 175, 3" bolt circles.

HUBBELL® Utility Solutions

Silicone Station Post Insulators, Series 175, 3" bolt circles:

Catalog Number	Cantilever Bending Strength - Routine	Number of Sheds	Length - Effective
PSSP175TR205	3710	4	10 in
PSSP175TR208	3507	7	14 in
PSSP175TR210	1754	11	18 in

Veri*Lite PDI Insulators

Hubbell Utility Solutions leads the power industry with insulators and arrestors. Designed and engineered for durability and reliability and capable of withstanding decades of unpredictable environmental elements.

HUBBELL® Utility Solutions

Features:

- Weathersheds:
- These Veri*Lite Insulators are manufactured with ESP™ rubber, the same proven material used in PDV arresters and Hi*Lite Insulators.
- Insulators are available with other ANSI and IEC end fittings.

Applications:

- Power/Renewable Energy

Catalog Number	Description
4010150215	ESP Rubber Clevis Tongue 15kV Deadend Insulator PDI-15
4010280215	ESP Rubber Clevis Tongue 25kV Deadend Insulator PDI-28
4010250215	ESP Rubber Clevis Tongue 25kV & 35kV Deadend Insulator PDI-25

Veri*Lite Line Post Insulators

Hubbell Utility Solutions leads the power industry with insulators and arrestors. Designed and engineered for durability and reliability and capable of withstanding decades of unpredictable environmental elements.

HUBBELL® Utility Solutions

Veri*Lite Line Post Insulators:

- Veri*Lite Line Post (VLLP) meets or exceeds ANSI C29.18 and CSA C411.6

Applications:

- Power/Renewable Energy

Catalog Number	Description
80S0150K09	Line Post 15 kV Universal Clamp / Stud Base 3/4"-10 Tap
80S0250K09	Line Post 25 kV Universal Clamp / Stud Base 3/4"-10 Tap
80S0280K09	Line Post 35 kV Universal Clamp / Stud Base 3/4"-10 Tap

Polymer/EVP Arresters

The EVP Polymer Housed Station Arresters represent the latest in surge arrester technology. The redesigned housing profile offers superior material strength and electrical characteristics. In addition, the EVP line features a proprietary ESPTM weathershed material and protective levels, resulting in a robust sealing system that extends service lifetime. Complies with the latest revision of IEEE C62.11 and IEC 60099-4.

HUBBELL® Utility Solutions

HDL106N:

Type	Description
EVP0009003001	Medium Polymer Housed Surge Arrestor EVP-Arrester-8-4-kV-MCOV-Uc
EVP0015003001	Medium Polymer Housed Surge Arrestor EVP-Arrester-15-3-kV-MCOV-Uc
EVP0022003001	Medium Polymer Housed Surge Arrestor EVP-Arrester-22-kV-MCOV-Uc
EVP0029003001	Medium Polymer Housed Surge Arrestor EVP-Arrester-29-kV-MCOV-Uc

Insulated Bundle Strap

The Wiley reusable insulated bundle straps protect cables from vibration and insulation damage. Use for bundling PV wire, Micro Inverter Trunk or AC cable - 2" bundle diameter. Made with vinyl coated steel.

Features:

- UV resistant vinyl, zinc plated steel
- -40°C to 85°C
- 50 lb. tensile strength

Applications:

- Power/Renewable Energy

Reliaguard® Small Bushing Guards

Designed to prevent wildlife caused outages, these guards are tested for application on equipment up to 38kV.

Features:

- Secure closure and latch designs ensure guards stay in place. Push pins for extra security are standard
- Accommodates conductors exiting at various angles
- Hot stick installation option available
- Manufactured from Reliatanium™, a proprietary material that achieves a V-0 flammability classification, the highest rating for the UL 94 test standard

Applications:

- Power/Renewable Energy

Reliaguard® Medium Bushing Guards

Designed to prevent wildlife caused outages, these guards are tested for application on equipment up to 38kV.

Features:

- Secure closure and latch designs ensure guards stay in place. Push pins for extra security are standard
- Accommodates conductors exiting at various angles
- Hot stick installation option available
- Manufactured from Reliatanium™, a proprietary material that achieves a V-0 flammability classification, the highest rating for the UL 94 test standard

Applications:

- Power/Renewable Energy

Hot Stick Universal Cutout

Cut-out guards are designed to accommodate various conductor diameters all the while providing superior coverage of energized components at risk of bird and animal contact. By fully enclosing the bolted connection, probable points of contact are eliminated and guards are better secured to equipment.

Features:

- Used in energized and de-energized installations
- Fully enclosed bolted connections
- Accommodates various conductor diameters
- Fits Polymer and Porcelain conventional cut-outs
- Clip secures conductor opening

Applications:

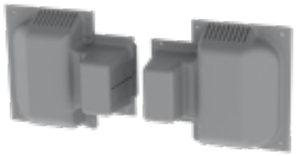
- Power/Renewable Energy

Product Name	Part Number	Height*	Diameter*	Base Port*	Pack Size
Hot Stickable Universal Cut-Out Guard	CO-10007	5.5 (137.5)	4.59 (116.5)	2.9 (73.7)	12

*Dimensions in inches (millimeters)

Regulator Kit

Reliaguard® Regulator Guards offer complete coverage of energized components including series arresters and brackets, bushing terminals, and wire connectors. Regulator Guards are available for Cooper and Siemens regulators with more in development.



Features:

- Designed for Cooper 50 amp to 400 amp (RK-11001K), and Cooper 500 amp
- Complete coverage of the insulator and shunt connections, no gaps
- Adjustable design

Applications:

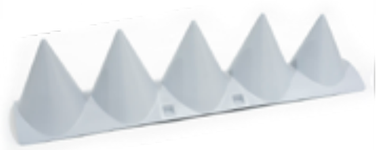
- Power/Renewable Energy

Product Name	Part Number	Height*	Diameter*	Base Port*	Pack Size
Voltage Regulator Kit – C4001	RK-11001K	12 (304.8)	6.3 (160)	2.75 (69.9)	1
Includes 2 bushing covers and 2 arrester bracket covers; fits Cooper Regulators - 50 Amp to 400 Amp					

*Dimensions in inches (millimeters)

Perch Preventer

Perch Preventers discourage birds from landing or nesting on power line structures.



Features:

- Extends to any length and mounts to various types of surfaces
- Made from Reliatanium – IEEE 1656, FR, UV Stable
- Excellent electrical properties
- Stackable for easy storage

Applications:

- Power/Renewable Energy

Product Name	Part Number	Height*	Width Diameter*	Depth*	Pack Size
Perch Preventer	PP-10010	7.1 (180.3)	32.75 (831.8)	7.5 (190.5)	6

*Dimensions in inches (millimeters)

Termination Guard

Termination guards are designed to accommodate a wide variety of conductor diameters and offer complete coverage of the bolted connection and the compression cable connector.

Features:

- Termination guards are made with Reliatanium, which achieves a V-0 flammability classification -- the highest rating for the UL 94 test standard
- Long 15+ year lifespan

Applications:

- Power/Renewable Energy

Product Name	Part Number	Height*	Width Diameter*	Base Port*	Pack Size
Terminator Guard	TC-14002	10.59 (269)	3 (76.2)	7.5 (190.5)	12
Terminator XL	TC-14030	21.62 (549.1)	6.16 (156.5)	2.63 (66.8)	12
Terminator 90 Degree Guard	TC-14101	6.96 (176.8)	3.16 (80.3)	1.5 (38.1)	12

*Dimensions in inches (millimeters)

GreyEEL Conductor Cover

GreyEEL Conductor Cover helps prevent contacts by eliminating gaps in coverage. The product's improved protection is achieved with a significantly overlapped seam design and material memory technology that supports exceptional closure performance.

Industrial Power Cord Reels

GreyEEL Part #	Wire / Conductor Type	Conductor Size Range	Cover OD Size	Length Per Box
EEL-02503750-50-Y	4, 3, 2,1, 1/0	0.200" - 0.370"	3/8"	50 ft (15.24 m)
EEL-03750500-50-Y	2/0, 3/0, 4/0	0.375" - 0.495"	1/2"	50 ft (15.24 m)
EEL-05000750-50-Y	266.88, 336.4, 397.5	0.500" - 0.745"	3/4"	50 ft (15.24 m)
EEL-07501000-50-Y	447, 556.5, 636, 605, 715.5, 900, 666.6	0.750" - 1.000"	1"	50 ft (15.24 m)
EEL-10001250-50-Y	795, 954, 1033.5, 1113, 1192.5	1.005" - 1.295"	1 1/4"	50 ft (15.24 m)
EEL-12501500-50-Y	1272, 1351.5, 1431, 1590	1.300" - 1.450"	1 1/2"	50 ft (15.24 m)
EEL-15001750-25-Y	1780, 2156, 2167	1.500" - 1.750"	1 3/4"	25 ft (7.62 m)
EEL-17502000-25-Y	2312, 2515	1.800" - 2.000"	2"	25 ft (7.62 m)
EEL-2500BUSP-06-Y	GreyEEL Bus Cover - 2.5" bus Round	2" - 2.5"	2.5"	24ft (4 pcs)
EEL-3500BUSP-06-Y	GreyEEL Bus Cover - 3.5" bus Round	2.5" - 3.5"	3.5"	24ft (4 pcs)
EEL-4500BUSP-06-Y	GreyEEL Bus Cover - 4.5" bus Round	3.5" - 4.5"	4.5"	18ft (3 pcs)

Wildlife Mitigation

Wildlife Hot Stick Disc

Wildlife Hot Stick Disc are barriers used to isolate climbing animals, thus preventing them from making a phase to ground contact. The Discs are typically used on poles and substations.

RELIAGUARD

Features:

- Simple, one-step energized installation or removal
- No assembly required, reusable
- Easily field trimmed to suit a wide range of insulator/ bushing diameters

Applications:

- Power/Renewable Energy

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- SWITCHES & DIMMERS
- DATACOM CONNECTIVITY & ENCLOSURES
- PIN & SLEEVE DEVICES
- JUNCTION BOXES
- CABLE REELS
- STEEL & PLASTIC ENCLOSURES
- GROUND FAULT DEVICES
- ELECTRICAL MOTOR CONTROLS

LIGHTING AND CONTROLS PRODUCT CATEGORIES

- CANOPY LIGHTS
- PARKING LOT/PARKING GARAGE FIXTURES
- EMERGENCY LIGHTING/EXIT SIGNS
- BATH/VANITY FIXTURES & CEILING FANS
- ARCHITECTURAL LIGHTING & SCONCES
- OCCUPANCY, DIMMING & DAYLIGHT HARVESTING SENSORS
- DECORATIVE LANDSCAPE FIXTURES
- BOLLARDS
- FLOODLIGHTS & POLES
- SITE & AREA LIGHTING
- RECESSED, SURFACE MOUNTED & TRACK FIXTURES

CONSTRUCTION AND ENERGY PRODUCT CATEGORIES

- MECHANICAL CONNECTORS GAS CONNECTORS AND ASSEMBLIES
- MECHANICAL GROUNDING DEVICES
- MINING COMMUNICATION & CONTROLS
- SPECIALTY LIGHTING
- SAFETY EQUIPMENT
- SPECIALTY COMMUNICATIONS EQUIPMENT
- INSTALLATION TOOLING
- COMPRESSION CONNECTORS
- CABLE GLANDS & FITTINGS

POWER SYSTEMS PRODUCT CATEGORIES

- ARRESTERS
- GROUNDING & BONDING EQUIPMENT
- INSULATORS
- POLE LINE HARDWARE
- SECTIONALIZERS
- FORMED WIRE PRODUCTS
- OVERHEAD, PAD MOUNTED & CAPACITOR SWITCHES
- METER INSTALLATION SERVICES
- ADVANCED METERING INFRASTRUCTURE
- METERS AND EDGE DEVICES
- BUSHINGS
- CUTOUTS & FUSE LINKS
- PROGRAMMABLE RECLOSERS
- CABLE TERMINATIONS & ACCESSORIES
- HELICAL ANCHORS & FOUNDATIONS
- LINEMAN TOOLS, HOSES & GLOVES
- SPLICES, TAPS & CONNECTORS
- POLYMER CONCRETE & FIBERGLASS ENCLOSURES AND EQUIPMENT PADS

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