

Straight Blade Devices,
Receptacles, RTP, Industrial Grade,
3-Pole 4-Wire Grounding, 50A
125/250V, 14-50R, Black, Single
Pack.

By Hubbell Wiring Device-Kellems
Catalog # [HBL9450A](#)

Designed for plug-in EV charging applications, Hubbell's 14-50R receptacle is a premium and dependable solution to exceed the requirements of electric vehicle owners. This receptacle ensures a safe and efficient charging experience, providing peace of mind to EV users.

Features

- Tailored for EV Charging: This receptacle is purpose-built to cater to the specific needs of EV charging. It incorporates features and specifications that are optimized for the safe and efficient charging of electric vehicles.
- Industrial-Grade Construction: This EV receptacle boasts a robust and durable construction. It is engineered using high quality materials that can withstand demanding environments, ensuring long-lasting performance and reliability.
- Secure Connection: Terminal box shields against loose wires and external damage with a durable enclosure. Features a clamping mechanism for tight, efficient wire termination, reducing power loss or overheating risks.
- Contact Force & Durability: Thick wall terminal box offers 50% greater contact force for secure connections, minimizing power interruptions. Designed for heavy use, it withstands frequent insertions and removals, ensuring lasting performance.
- Fast & Efficient Charging: Features a 3-pole, 4-wire grounding for secure EV charging, minimizing electrical faults. With a 50A, 125/250V rating, it ensures high-power, faster charging times, promoting safety and efficiency.
- Effortless Installation: This EV Charging Receptacle is designed for easy setup, featuring a straightforward wiring mechanism suitable for both professional electricians and DIY enthusiasts, ensuring a hassle-free installation process.

Performance

- Electrical - Current Interrupting - Certified for current interrupting at full rated current
- Electrical - Dielectric Voltage - Withstands 2,000V minimum
- Environmental - Flammability - UL 94 V-0
- Environmental - IP Suitability - IP20
- Environmental - Operating Temperatures - Maximum continuous 75°C, minimum -40°C (w/o impact)



- Mechanical - Product Identification - Ratings are a permanent part of the device
- Mechanical - Terminal Accommodation - #12 AWG through #4 AWG copper wire only
- Mechanical - Terminal Identification - Terminals identified in accordance with UL 498 and CSA

General

Catalog Number	HBL9450A
Color	Black
EU RoHS Indicator	Yes
Horsepower - Maximum	3
Item Type	Single
Material	Thermoplastic/Composite
Material - Mounting Hardware	Screw Mounting
Number Of Poles	3-Pole
Operating Temperature	Maximum continuous 75°C and minimum -40°C without Impact
Specifications	<ul style="list-style-type: none">• Box Terminals - Copper• Contacts - Brass• Ground Shunt - Brass• Housing - Reinforced Thermoplastic Polyester• Mounting Plate - .062 in. (1.5) Pre-Plated Steel
UPC	783585015316

Dimensions

Dimensions	3.28 in x 2.75 in x 2.44 in
Display Size	Standard Sized Product
Height	2.44 in
Length	3.28 in
Weight	0.7 lb
Width	2.75 in

Electrical Ratings

Amperage Rating	50 A
Connectivity	Back and Side Wired Screw Terminals
Current / Amperage Rating	50 A
Current Rating	50 A
Dielectric Strength	Withstands 2,000V minimum
Phase	Single Phase
Voltage Rating	<ul style="list-style-type: none">125/250 V125 V V V
Voltage Rating Description	125/250 V
Wattage	12500 W

Conductor Related

Number Of Wires	4-Wire Grounding
Wire Size	#12 AWG to #4 AWG

Certifications And Compliance

Industry Standard(s)	<ul style="list-style-type: none">CSA CertifiedNEMA® WD-6 CompliantUL Listed File E2186
Nema Rating	14-50R

Logistics

Carton Quantity	5
Pallet Quantity	1800

Product Assets

- [Catalog Page - WDK A-49 Catalog Page](#)
- [Catalog Page - WDK N-18 Catalog Page](#)
- [Catalogs - WDK Catalog Full 2024](#)
- [Engineering Drawing - HBL9450A AutoCAD Drawing](#)
- [Installation Manuals - WIRING_PD1186_INSTALLINST](#)
- [Literature - PULP & PAPER SOLUTIONS](#)
- [Literature - Pulp & Paper Solutions](#)
- [Literature - Electric Vehicle Charger Receptacle](#)
- [Sales Drawings - WDK_HBL9450A_DRAWING_PDF](#)
- [Specifications - Wiring HBL9450A Specification Sheet](#)
- [Specifications - HBL9450A](#)
- [Specifications - HBL9450A](#)
- [Specifications - HBL9450A Specification Sheet French](#)
- [Warranty - Industrial & Commercial Products](#)
- [Video - Insulgrip Twist-Lock and Straight Blade Devices](#)
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