

Switches and Lighting Control,
Occupancy Sensor, Control Unit,
120/277V AC, Heavy Duty Relay,
Latching

By Hubbell Wiring Device-Kellems
Catalog # CU300HD

Switches and Lighting Control, Occupancy Sensor, Control Unit,
120/277V AC, Heavy Duty Relay, Latching

Features

- Robust latching relay provides unsurpassed and unrestricted performance
- Controlled by Hubbell occupancy sensors
- Auto or manual "ON" operation
- Powers up to six low voltage sensors
- Plenum rated

Performance

- Electrical - AT Sensor/AAR Capacity - 1 to 6 combined
- Electrical - Load Capacity - 20A 100-277V, 1HP @ 120V AC, 2HP @ 240/277V
- Electrical - Motor Loads - 1HP @ 120V, 2HP @ 240/277V
- Electrical - Power Output - 24V DC 250mA
- Electrical - Power Supply - 100-277V AC, 50/60 Hz
- Electrical - Relay - Heavy duty, magnetic latching. Silver alloy contacts. Very low standby power consumption
- Environmental - Flammability - UL 94-5VA
- Environmental - Operating Temperatures - -40°F (-40 °C) to 149°F(65 °C). Below 32°F (0°C) must use suitably rated non-metallic enclosure. 0% to 90% humidity, non-condensing.

General

Catalog Number	CU300HD
EU RoHS Indicator	No
Humidity	0% to 95% non-condensing relative humidity
Item Type	Control Unit
Material	Thermoplastic
Operating Temperature	32 Deg F to 104 Deg F (0 Deg C to 40 Deg C)
Series	• Dual • Ultrasonic • Passive Infrared • Wall Mount • Ceiling Mount • High/Low Bay PIR • Control Units
Specifications	• Dimensions - 4.00"L x 3.4"W x 1.73"H



	• Hardware - Included • Housing - Flame retardant UL 94-5VA thermoplastic
Storage Temperature Range	-20°F to 150°F (-29°C to 65°C)
Style	• Control Units • Wired
Type	Accessories
UPC	783585256207

Dimensions

Dimensions	4 in x 3.4 in x 1.73 in
Height	1.73 in
Length	4 in
Width	3.4 in

Electrical Ratings

Frequency Rating	50/60 Hz
Voltage Rating	24 VDC
Voltage Rating Description	24V DC

Certifications And Compliance

Industry Standard(s)	• ASHRAE 90.1 Compliant • UL2043 Plenum Rated Per NEC® 2014 300.22(C)(3)
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Logistics

Carton Quantity	20
Pallet Quantity	1120

Product Assets

[BIM - Lighting_Device-Control_Unit-Hubbell_Wiring-CU](#)
[Catalog Page - WDK E-13](#) [Catalog Page](#)
[Catalog Page - WDK E-9](#) [Catalog Page](#)
[Catalog Page - WDK E-11](#) [Catalog Page](#)
[Catalogs - WDK Catalog Full 2024](#)
[Engineering Drawing - CU300HD AutoCAD Drawing](#)
[Installation Manuals - WIRING_CU300HD_INSTALLINST](#)
[Literature - MAXX™ Harsh Environment & OPTIMYZER®](#)
[Watertight Sensors](#)

Literature - Food Processing Guide
Literature - Sensors Troubleshooting Guide
Literature - Healthcare Product Solutions
Literature - Load Control Application Guide
Literature - Healthcare Application Guide
Literature - Automatic Receptacle Control Product Guide

Sales Drawings - WDK_CU300HD_DRAWING_PDF
Specifications - Wiring CU300HD Specification Sheet
Specifications - CU300HD Specification Sheet French
Specifications - CU300HD Specification Sheet
Warranty - HMOSS Occupancy Motion Sensors



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