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
Environmental Conditions	Indoor Dry Unless Protected By Additional Means
Horsepower - Maximum	3
Item Type	Single
Material	Thermoplastic/Composite
Material - Mounting Hardware	Screw Mounting
Number Of Poles	3-Pole
OEM Brand Name	Hubbell Wiring Device-Kellems
Operating Temperature	Maximum continuous 75°C and minimum -40°C without Impact
Specifications	- Box Terminals - Copper - Contacts - Brass - Ground Shunt - Brass - Housing - Reinforced Thermoplastic Polyester - Mounting Plate - .062 in. (1.5) Pre-Plated Steel
Type	Receptacle
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	• 125/250 V • 125 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

Buy America(n) Qualified	• BABA Compliant (All status valid till December 2025)

Industry Standard(s)	• TAA Compliant (All status valid till December 2025) • CSA Certified • NEMA® WD-6 Compliant • UL Listed File E2186 • WR Rating
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 Charging Devices
Sales Drawings - WDK_HBL9450A_DRAWING_PDF
Specifications - HBL9450A
Warranty - Industrial & Commercial Products
Video - Insulgrip Twist-Lock and Straight Blade Devices

A Hubbell brand