

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	<ul style="list-style-type: none"><li>• Box Terminals - Copper</li><li>• Contacts - Brass</li><li>• Ground Shunt - Brass</li><li>• Housing - Reinforced Thermoplastic Polyester</li><li>• Mounting Plate - .062 in. (1.5) Pre-Plated Steel</li></ul>
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	Industry Standard(s)	2024)
Width	2.75 in		<ul style="list-style-type: none"><li>• CSA Certified</li><li>• NEMA® WD-6 Compliant</li><li>• UL Listed File E2186</li></ul>
<b>Electrical Ratings</b>			
Amperage Rating	50 A	Nema Rating	14-50R
Connectivity	Back and Side Wired Screw Terminals	<b>Logistics</b>	
Current / Amperage Rating	50 A	Carton Quantity	5
Current Rating	50 A	Pallet Quantity	1800
Dielectric Strength	Withstands 2,000V minimum	<b>Product Assets</b>	
Phase	Single Phase	<a href="#">Catalog Page - WDK A-49 Catalog Page</a>	
Voltage Rating	<ul style="list-style-type: none"><li>• 125/250 V</li><li>• 125 V V V</li></ul>	<a href="#">Catalog Page - WDK N-18 Catalog Page</a>	
Voltage Rating Description	125/250 V	<a href="#">Catalogs - WDK Catalog Full 2024</a>	
Wattage	12500 W	<a href="#">Engineering Drawing - HBL9450A AutoCAD Drawing</a>	
<b>Conductor Related</b>			
Number Of Wires	4-Wire Grounding	<a href="#">Installation Manuals - WIRING_PD1186_INSTALLINST</a>	
Wire Size	#12 AWG to #4 AWG	<a href="#">Literature - PULP &amp; PAPER SOLUTIONS</a>	
<b>Certifications And Compliance</b>			
Buy America(n) Qualified	Buy American Act Compliant (All status valid till December	<a href="#">Literature - Pulp &amp; Paper Solutions</a>	
		<a href="#">Literature - Electric Vehicle Charger Receptacle</a>	
		<a href="#">Sales Drawings - WDK_HBL9450A_DRAWING_PDF</a>	
		<a href="#">Specifications - HBL9450A</a>	
		<a href="#">Warranty - Industrial &amp; Commercial Products</a>	
		<a href="#">Video - Insulgrip Twist-Lock and Straight Blade Devices</a>	