HUBBELL Wiring Device-Kellems

# 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 guality 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 HBI 9450A 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 • Box Terminals - Copper Contacts - Brass • Ground Shunt - Brass Housing - Reinforced Thermoplastic Polyester • Mounting Plate - .062 in. (1.5) Pre-Plated Steel 783585015316

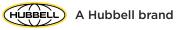
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# Dimensions

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	Logistics		
Connectivity	Back and Side Wired Screw Terminals	Carton Quantity	5	
Current / Amperage Rating	50 A	Pallet Quantity	1800	
Current Rating	50 A	Product Assets		
Dielectric Strength	Withstands 2,000V minimum			
Phase	Single Phase	Catalog Page - WDK A-49 Catalog Page		
Voltage Rating	• 125/250 V	Catalog Page - WDK N-18 Catalog Page		
	• 125 V V V	Catalogs - WDK Catalog Full 2024		
Voltage Rating Description	125/250 V	Engineering Drawing - HBL9450A AutoCAD Drawing		
Wattage	12500 W	Installation Manuals - WIRING_PD1186_INSTALLINST		
Conductor Related		Literature - PULP & PAPER SOLUTIONS		
		Literature - Pulp & Paper Solutions		
Number Of Wires	4-Wire Grounding	Literature - Electric Vehicle Charger Receptacle		
Wire Size	#12 AWG to #4 AWG	Sales Drawings - WDK_HBL9450A_DRAWING_PDF		
		Specifications - Wiring HBL9450A Specification Sheet		
Certifications And Compliance		Specifications - HBL9450A		
	CSA Certified	Specifications - HBL9450A		
	<ul> <li>NEMA® WD-6 Compliant</li> <li>UL Listed File E2186</li> </ul>	Specifications - HBL9450A Specification Sheet French		
		Warranty - Industrial & Commercial Products		
Nema Rating 14-50R		Video - Insulgrip Twist-Lock and Straight Blade Devices		
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