

# Technical Specifications

## Series 1450

50 Ampere, 125/250 VAC, 125/250 VDC Wiring Devices



### Heavy Duty - Extensive Line - Compact design - Economically Priced

The new Reliance 1450 Series of 50A, 125/250 VAC, 125/250 VDC wiring devices for power cords is the most extensive line of NEMA 14-50 devices to date. The six items in the offering include: a covered power outlet; covered power inlet; a straight-blade plug; straight connector; a 90° plug and 90° connector.

The patent-pending QuadBreak™ technology, for arc suppression, facilitates the compact design and reduces the circumference by more than 10% from competitive devices.

The clamshell construction of the 90° devices makes improper assembly virtually impossible while

tamper resistance for the straight-blade plug and connector is achieved by placing the assembly fasteners beneath the cord clamps at the base of the devices.

The flanged inlet and flanged outlets are reversible and feature a rain-tight flip lid for outdoor installation.

The new compact and economically priced 1450 Series is available at over 3000 electrical distributor locations throughout North America and is UL listed to standard 498, CSA certified to C22.2 No. 42 and meets NEMA WD6 parameters.

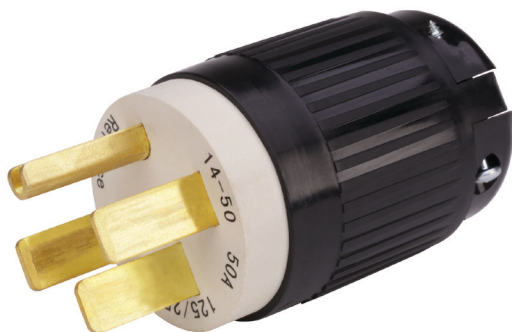
U.S. and foreign patents pending.

**RELIANCE**®  
CONTROLS

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Bulletin 10131450

# Technical Specifications



**Catalog Number: 1450P**  
Straight Backshell  
Cable Plug



**Catalog Number: 1450RP**  
Right Angle Backshell  
Cable Plug



**Catalog Number: 1450FP**  
Flanged Inlet



**Catalog Number: 1450C**  
Straight Backshell  
Cable Connector



**Catalog Number: 1450RC**  
Right Angle Backshell  
Cable Connector



**Catalog Number: 1450FC**  
Flanged Outlet

## Specifications

NEMA Configuration: 14-50

Amperage: 50A

Volts: 125/250 VAC, 125/250 VDC

Electrical: 3-pole, 4-wire

Certification: cULus

Flammability: UL 94 V-0, UL 94 5VA

Contact Material: Full-tang, 0.100" (2.54mm) Brass

Terminal Accommodation: AWG6, stranded copper (no aluminum)

Operating Temp. : Maximum continuous 75°C, minimum -40°C

Material: Outdoor-grade Polyamide 66, stabilized against UV and water exposure



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