



420R7W

IEC Pin & Sleeve Receptacle

20 Amp, 480 Volt 3-Phase, 3P, 4W, Outlet North American Pin & Sleeve Receptacle, Industrial Grade, IP67, Watertight - RED

DISCONTINUED

Suggested Replacement SKUs: :

Technical Information

Electrical Specifications

Amperage : 20 A

Current Interrupting : Certified for current interrupting at full rated current

Dielectric Voltage : 3000V for 1 min.

Endurance : Up to 5000 connects and disconnects, under load, at full rated current and voltage

Insulation Resistance : 500V for 1 min; >= 5M#

Phase : 3-Phase

Pole : 3

Temperature Rise : Max 30C after 50 cycles OL at 150 percent rated current

Voltage : 480 VAC

Wire : 4

Environmental Specifications

Corrosion Resistance :

Ferrous parts immersed in 20° C, 10 percent ammonium chloride solution for 10 min

Flammability : Rated V-2 per UL 94

IP Rating : IP67/IP69K

Moisture Resistance : Per UL 1682, immersed for 24 hours in 5cm of 25°C water

Color :  White

UPC Code : 078477553114

Country Of Origin : Mexico

NEMA :  5-20R

Available Colors :

 Gray
 Ivory
 Red
 Light Almond

Material Specifications

Arm Spring : Performance Grade Stainless Steel

Body Material : Valox 357

Cover Eyelet : Nickel-Plated Brass

Cover with Arm : Valox 357

Gasket Material : Chloroprene

Mounting Flange : Valox 357

Phase and Ground Sleeves : Brass

Sleeve Spring : Stainless Steel

Terminal Screws : Steel

Mechanical Specifications

Crush Test : 250lbs for 1 min after -25°C for 6 hrs

Impact Resistance : Drop from 30" 8 times after conditioning to -25°C for 6 hrs

Minimum Withdrawal Force : 5lbs

Product Features

Standards and Certifications

Color : Red

Configuration : North American

Device Type : Receptacle

Series : Standard Series

CE Marking : Per low voltage directives 73/23/EEC, 93/68 /EEC

CSA Certified : C22.2 No 182.1

IEC Rating : 60309-1 and 60309-2

UL Listed : 1682 and 1686

Warranty : 2-Year Limited

Leviton Manufacturing Co., Inc

201 North Service Road, Melville, NY 11747

Telephone: +1-800-323-8920 · FAX: +1-800-832-9538 · Tech Line (8:30AM-7:30PM E.S.
T. Monday-Friday): +1-800-824-3005

Leviton Manufacturing of Canada, Ltd.

165 Hymus Boulevard, Pointe Claire, Quebec H9R 1E9 · Telephone: +1-800-461-2002 ·
FAX: +1-800-824-3005 ·

Leviton S. de R.L. de C.V.

Lago Tana 43, Mexico DF, Mexico CP 11290 · Tel.: (+52)55-5082-1040 · FAX: (+52)
5386- 1797 ·

Visit our Website at: www.leviton.com

© 2025 Leviton Manufacturing Co., Inc. All Rights Reserved. Subject to change without notice.

Leviton has a global presence.

If you would like to know where your local Leviton office is located please go to:
www.leviton.com/company/about-leviton/locations

© 2025 Leviton Manufacturing Co., Inc.