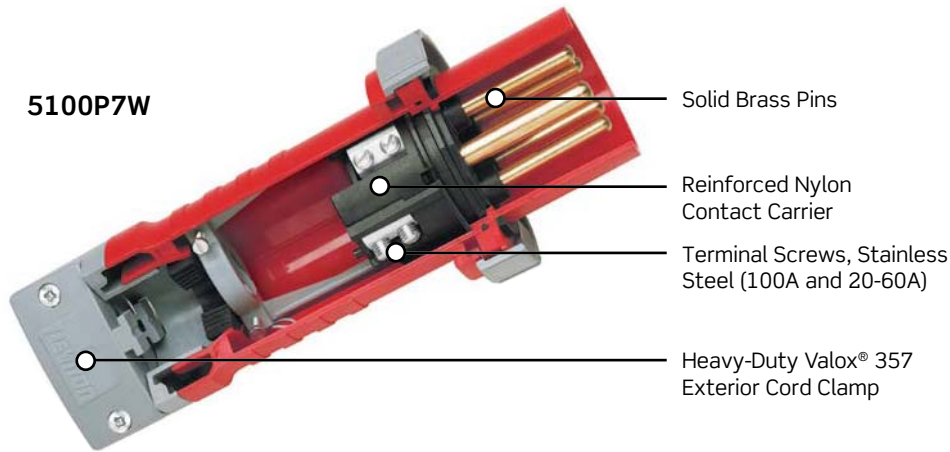**NORTH AMERICAN RATED**

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North American Rated Devices
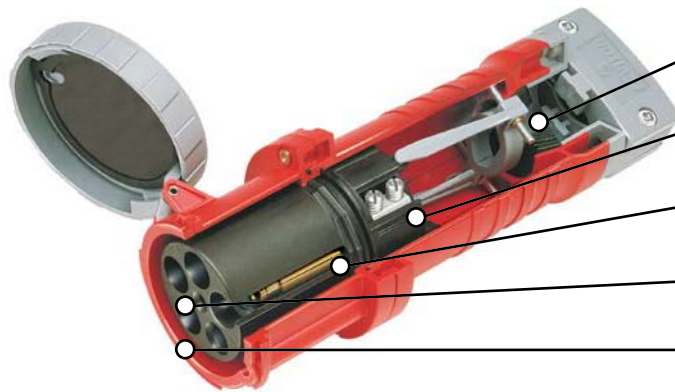## The Watertight Line. Superior Connection...Superior Protection

5100P7W

- Solid Brass Pins
- Reinforced Nylon Contact Carrier
- Terminal Screws, Stainless Steel (100A and 20-60A)
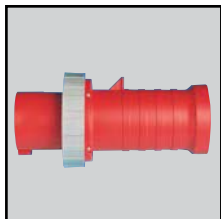- Heavy-Duty Valox® 357 Exterior Cord Clamp

Accepts liquid-tight conduit with adapter accessory **(page G-15)**
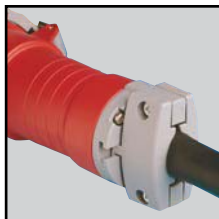
5100C7W

- Watertight Chloroprene Onion Skin Grommet
- Rear Terminals, Raised Lettering Identification
- Calibrated, Self-Adjusting Contacts
- Front Terminals, Raised Lettering Identification
- Super-Durable Valox® 357 Housing and external cord clamp

Super Tough Housing
- Provides maximum protection from abuse and environment
- Heavy-wall molding of Valox® 357 resists impact, heat, flame and chemicals
- Superior performance in low-to-high ambient temperature extremes (-40°C to 60°C)
- Excellent UV stability for superior outdoor performance (UL1682)
- V-0 flammability rating
- Fully insulated
- Color-coded by voltage for easy identification

External Cord Clamp
- Protects terminals from strain
- Accommodates a wide variety of cord sizes
- Excellent impact strength
- Excellent UV stability for superior outdoor performance (UL1682)
- V-0 flammability rating
- Accepts wire mesh strain relief

Internal Cord Clamp
- Secondary method for eliminating strain on terminals and conductors
- True IEC 60309-1 & 60309-2 acceptance
- Constructed of sturdy thermoplastic for tough environments
- Removes easily for user convenience

Spring Loaded Cover, Cover Arm, & Locking Rings
- Rings lock plug to connector
- Spring loaded cover closes automatically
- "Performance grade" Stainless Steel cover spring for superior corrosion-resistance and long life
- Excellent UV stability for outdoor use
- V-0 flammability rating
- Interior arm design in 60 and 100 amp helps eliminate breakage

Gasket/Grommet
- Prevents moisture, dust, and contaminants from entering housing or pin/contact carrier
- Solid chloroprene for positive seal and excellent chemical/corrosion–resistance
- Onion skin design on grommet provides precise watertight fit, eliminating the need to choose from multiple grommets that may not fit the cable jacket precisely
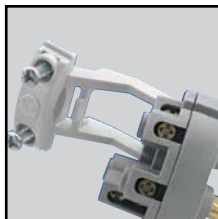
Valox® is a registered trademark of SABIC
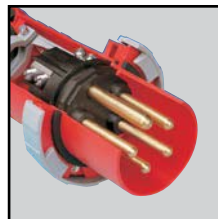
Features and Benefits

- Rugged housing, made of superior performance Valox® 357, provides maximum corrosion protection and makes the device more resistant to impact, abuse and temperature extremes. V-0 flame rated and superior UV stability
- Contact carrier resists arcing and internal heat build up; 60A and 100A contact/pin carriers are made of reinforced nylon for even greater strength and temperature resistance
- Zinc-coated steel terminal screws on 20A and 30A devices
- Brass terminal screws on 60A devices
- Dependable, clean brass construction for long life, reliable electrical contact, maximum conductivity, and corrosion resistance
- Watertight chloroprene onion skin grommet provides a precise, reliable seal at the cable entry point
- Ground, neutral and phase terminals are clearly identified by color coding or letters and numbering on both front and back sides
- Multiple contact points assure a continuously reliable electrical connection
- Engineered to IP67 watertight and IP69K high-pressure, high-temperature washdown standards
- North American Rated Devices 20A, 30A, 60A and 100A
- Meets North American IEC 60309-1 and 60309-2 Standards
- UL Rated for both 50Hz and 60Hz applications
- Rockwell Automation Encompass™ Product Partner
- Backed by a limited 2-year warranty

Pin & Contact Carrier, 60 & 100 Amp
- Protects pins and contacts, holding them firmly in place
- Pin carrier and contact carrier constructed of glass fiber reinforced nylon for maximum impact resistance and maximum protection of pins and contacts
- Superior arc-tracking resistance
- Excellent heat-resistance and flame resistance
- Chamfered wire entry makes wiring easier

Pin & Contact Carrier, 20 & 30 Amp
- Pin carrier and contact carrier constructed of nylon for maximum impact resistance and maximum protection of pins and contacts
- Terminal screws are aligned on a single plane for easier access
- Internal hinged cord clamp adds strain-relief and swings aside when wiring terminals
- Large diameter combination head terminal screws

Pins
- Designed for manageable insertion/withdrawal force
- Clean brass construction resists corrosion, provides superior contact and low electrical resistance
- Rounded tips reduce insertion force and decrease wear on the contact surface area

Sleeves (Contacts)
- Designed for manageable insertion/withdrawal force
- Clean brass construction resists corrosion, provides superior contact and low electrical resistance
- Self-adjusting, machine-calibrated contacts for accurate contact pressure designed for superior wiping and cleaning action
- Made from high performance Swedish Industrial Standard (SIS) Brass 5170-04
- Positioned at sleeve entrance, stainless steel spring enables pin cleaning at earliest point of entry

Terminal Screws
- Engineered to provide maximum holding power and lowest electrical resistance
- Accepts a wide range of conductors
- Double screws ensure secure connection
- Direct bearing pressure terminals for 20, 30 and 60 Amp ratings; pressure clamp termination for 100 Amp devices

NORTH AMERICAN RATED | 60A and 100A Watertight

60A and 100A Watertight Pin & Sleeve Devices — North American Rated

Plug — 4100P12W   Connector — 4100C12W   Receptacle — 360R6W   Inlet — 360B7W   Back Box — BX100-V

Features and Benefits

- Engineered to IP67 watertight and IP69K high-pressure, high-temperature washdown standards
- Meet North American IEC 60309-1 and 60309-2 Standards
- Backed by a limited 2-year warranty

60A and 100A Watertight Pin & Sleeve Devices

Amps	Wiring	Voltage AC	Color	Connector/ Receptacle	Plug/ Inlet	Cat. No. Plug	Cat. No. Connector	Cat. No. Receptacle	Cat. No. Inlet	Cat. No. Back Box
60	2p3w	125	Yellow			360P4W	360C4W	360R4W	360B4W	BX60-V
	2p3w	250	Blue			360P6W	360C6W	360R6W	360B6W	BX60-V
	2p3w	480	Red			360P7W	360C7W	360R7W	360B7W	BX60-V
	3p4w	125/250	Orange			460P12W	460C12W	460R12W	460B12W	BX60-V
	3p4w	3Ø250	Blue			460P9W	460C9W	460R9W	460B9W	BX60-V
	3p4w	3Ø480	Red			460P7W	460C7W	460R7W	460B7W	BX60-V
	3p4w	3Ø600	Black			460P5W	460C5W	460R5W	460B5W	BX60-V
	4p5w	3ØY120/208	Blue			560P9W	560C9W	560R9W	560B9W	BX60-V
	4p5w	3ØY277/480	Red			560P7W	560C7W	560R7W	560B7W	BX60-V
	4p5w	3ØY347/600	Black			560P5W	560C5W	560R5W	560B5W	BX60-V
100	2p3w	125	Yellow			3100P4W	3100C4W	3100R4W	3100B4W	BX100-V
	2p3w	250	Blue			3100P6W	3100C6W	3100R6W	3100B6W	BX100-V
	2p3w	480	Red			3100P7W	3100C7W	3100R7W	3100B7W	BX100-V
	3p4w	125/250	Orange			4100P12W	4100C12W	4100R12W	4100B12W	BX100-V
	3p4w	3Ø250	Blue			4100P9W	4100C9W	4100R9W	4100B9W	BX100-V
	3p4w	3Ø480	Red			4100P7W	4100C7W	4100R7W	4100B7W	BX100-V
	3p4w	3Ø600	Black			4100P5W	4100C5W	4100R5W	4100B5W	BX100-V
	4p5w	3ØY120/208	Blue			5100P9W	5100C9W	5100R9W	5100B9W	BX100-V
	4p5w	3ØY277/480	Red			5100P7W	5100C7W	5100R7W	5100B7W	BX100-V
	4p5w	3ØY347/600	Black			5100P5W	5100C5W	5100R5W	5100B5W	BX100-V

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Pin & Sleeve