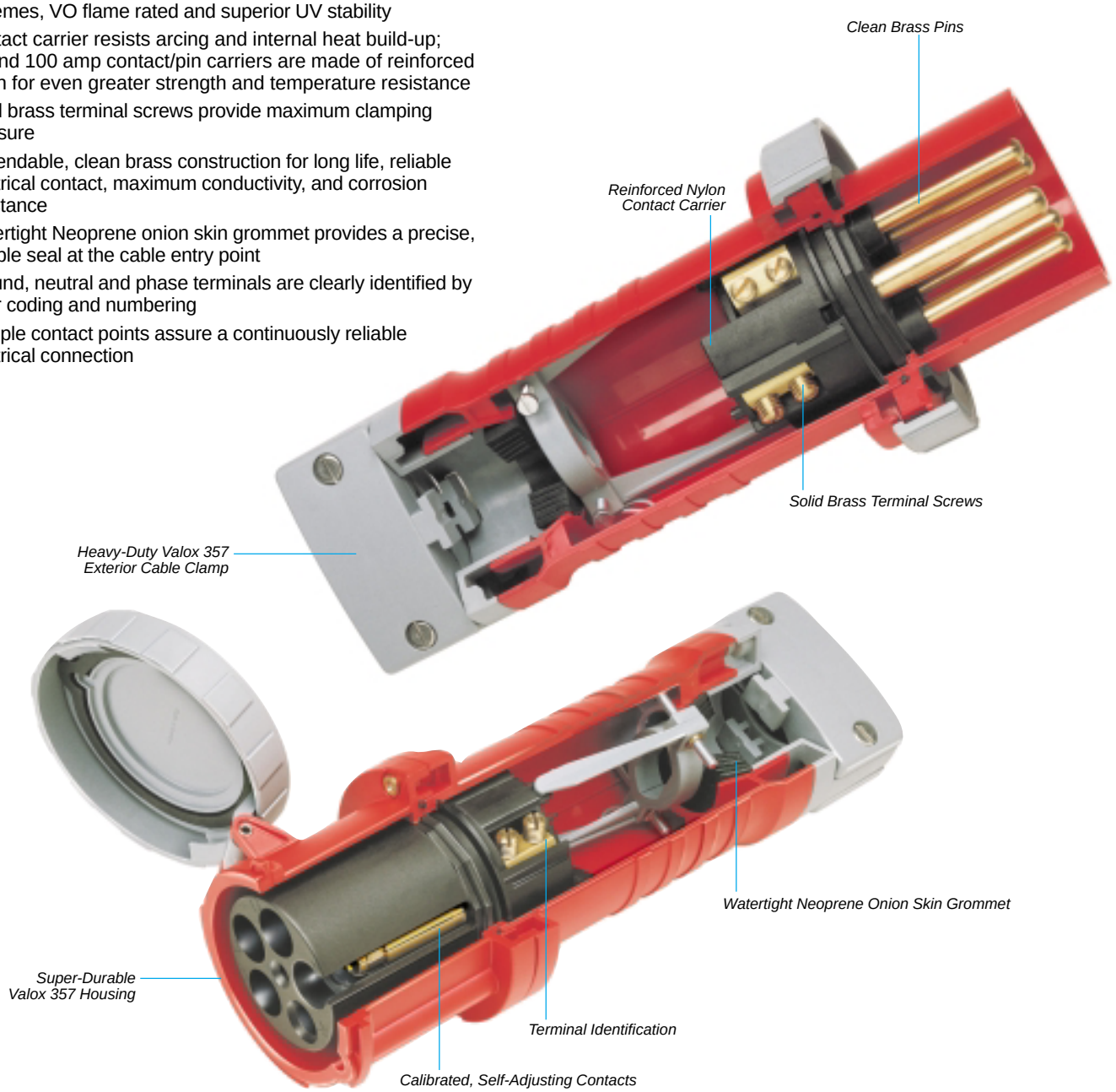
The Watertight Line: North American-Rated Devices

Superior Connection…Superior Protection

Features and Benefits

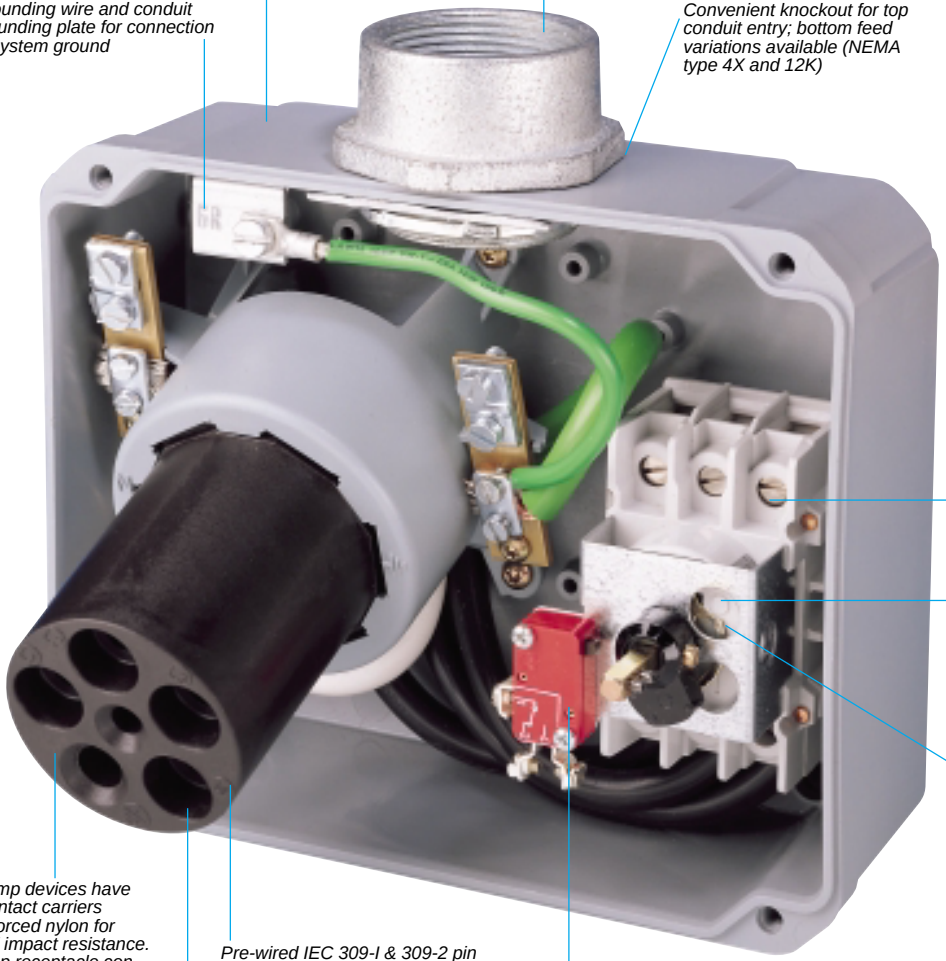
- Rugged housing, made of superior performance Valox 357, provides maximum corrosion protection and makes the device resistant to impact and abuse; greater resistance to temperature extremes, VO flame rated and superior UV stability
- Contact carrier resists arcing and internal heat build-up; 60 and 100 amp contact/pin carriers are made of reinforced nylon for even greater strength and temperature resistance
- Solid brass terminal screws provide maximum clamping pressure
- Dependable, clean brass construction for long life, reliable electrical contact, maximum conductivity, and corrosion resistance
- Watertight Neoprene onion skin grommet provides a precise, reliable seal at the cable entry point
- Ground, neutral and phase terminals are clearly identified by color coding and numbering
- Multiple contact points assure a continuously reliable electrical connection



IP 67 Watertight Mechanical Interlock Devices

The leader in ruggedness and easy installation

These watertight inlets and receptacles (shown above) offer the same superior performance and design features as the plugs and connectors.



Enclosures made of rugged Valox 357 carry NEMA 4X – outdoor (watertight, washdown) and 12K –indoor (dust tight, falling dirt) enclosure rating

Watertight conduit hubs for use with metallic conduit

Grounding wire and conduit grounding plate for connection of system ground

Convenient knockout for top conduit entry; bottom feed variations available (NEMA type 4X and 12K)

Easy-wiring switch terminal block for fast installation

Heavy-duty, HP-rated disconnect switch, factory-wired to single-rated receptacle; handles large motor loads

Screw-mounted switch resists accumulation of contaminants for easier service

60 and 100 amp devices have receptacle contact carriers made of reinforced nylon for high heat and impact resistance. 20 and 30 amp receptacle contact carriers are made of nylon for high impact resistance

Pre-wired IEC 309-I & 309-2 pin and sleeve receptacle

Receptacle contact carrier has staggered contacts; ground makes first, breaks last

All mechanical interlock devices have factory-installed auxiliary contacts. Switch opens/closes no less than 30 milliseconds before/after live contacts.

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Weitere Typen auf Anfrage.
Änderungen vorbehalten.
Abmessungen in mm.

Further items on request.
Dimensions mm. Subject to change without notice.

Making the Right Connection is as Easy as Matching Colors and Telling Time!

These pin and sleeve devices are easy to use. Matching amperage and voltage requirements is literally as easy as matching colors and telling time.

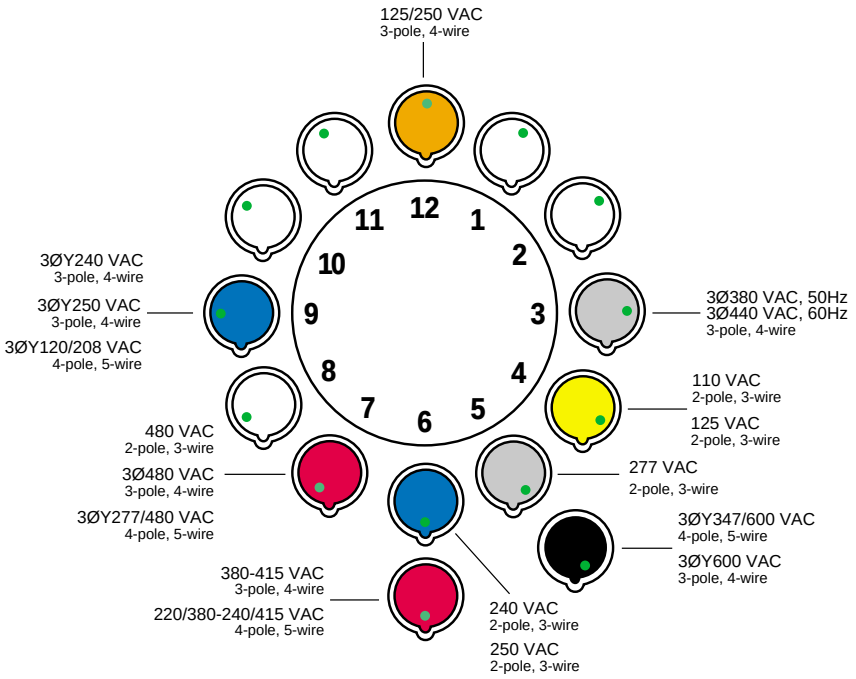
The amperage rating is related to the size of the device; devices of the same amperage are the same size.

The voltage rating is related to the location of the ground sleeve on the female device and the number of conductors. This location is based on a clock face with the key-way at the 6 o'clock position.

The ground sleeve is positioned at a specific hour location, depending on the device's voltage rating.

The clock position for plugs and inlets is a mirror image of the position for matching connectors and receptacles.

For quick visual identification, voltage ratingss are also color-coded and the housings of interconnecting units are always the same color. All 125VAC devices are yellow; 250VAC are blue, etc. Matching up interconnecting devices is as easy as matching colors.



Rated Voltage	Color
110V-130V	
125V-250V	
200V-250V	
277V, 380V, 440V	
380V-480V	
500V and above	

Ordering is Easy

The catalog number system is easy to use. Each letter or number provides a description of the product. Simply follow the six-part code below, made up of letters and numbers. Each catalog number contains the number of conductors, amperage rating, device type, clock position of the ground sleeve, and environmental rating.

For example, the catalog number below refers to a 3-wire, 20 amp receptacle with a grounding sleeve located at the 6 o'clock position and an environmental classification of watertight.

3	20	R	6	W
1ST DIGIT	2ND–4TH DIGIT	LETTER	GROUNDING	SUFFIX*
3 = 3 wire	20 = 20 Amp	P = Plug	Clock position of female grounding contact	W = Watertight
4 = 4 wire	30 = 30 Amp	C = Connector		
5 = 5 wire	60 = 60 Amp	R = Receptacle		
	100 = 100 Amp	B = Inlet		
		MI = Mechanical Interlock		

*Watertight devices are identified by their "W" suffix; Splashproof devices by their "SP" prefix.