



Plug



Connector

- 100 Amp 600VAC/250VDC; 50-400 Hertz
NEMA 3, 4, 4X, ①
- **PLUGS ONLY**②:
Class I, Div. 1 & 2, Groups B,C,D; NEMA 7 B,C,D
Class I, Zones 1 & 2, IIB+H₂, IIA
Class II, Div. 1 & 2, Groups F & G; NEMA 9 F,G; Class III

Wire Range

Regular Stranding: #4 - #2

Extra flex: #4 - #2



File No. E10757



Certified File No. LR111846



E



C



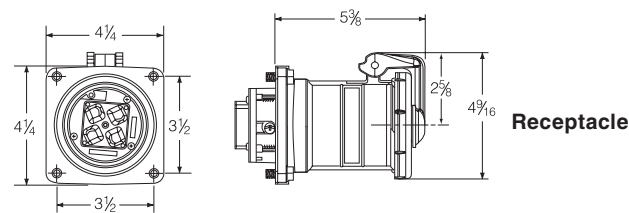
Receptacle

FEATURES-SPECIFICATIONS

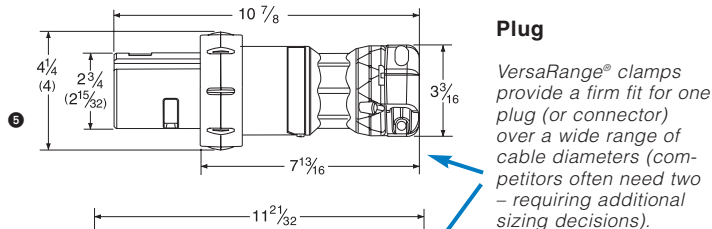
100 AMP PLUGS & CONNECTORS				
GROUND STYLE	CIRCUIT	GROMMET RANGE	CATALOG NUMBER	
			PLUG	CONNECTOR
Style I	2W2P	.88 - 1.68 IN	VP10277	VPR10257
	3W3P	.88 - 1.68 IN	VP10377	VPR10357
	4W4P	.88 - 1.68 IN	VP10477	VPR10457
Style II	2W3P	.88 - 1.68 IN	VP10387	VPR10367
	3W4P	.88 - 1.68 IN	VP10487	VPR10467

MODIFICATIONS*	
CATALOG NUMBER	DESCRIPTION
S39	Reverse service for receptacles, plugs & connectors
S37	Polarization for receptacles, plugs & connectors

*See page PR5 for more information on these options.

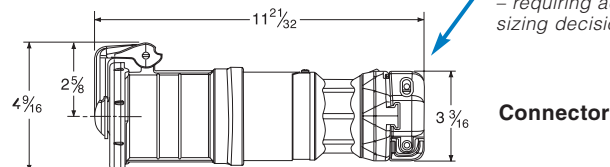


Receptacle



Plug

VersaRange® clamps provide a firm fit for one plug (or connector) over a wide range of cable diameters (competitors often need two - requiring additional sizing decisions).



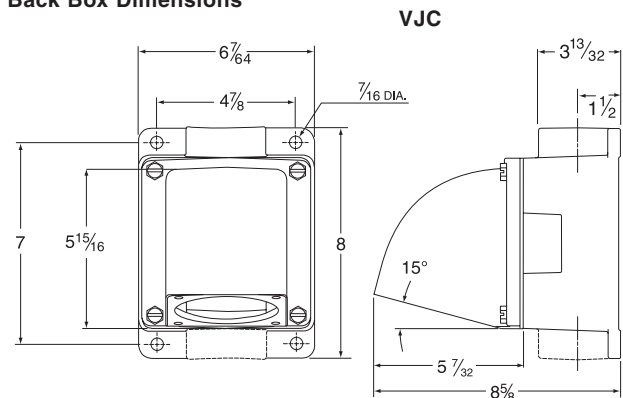
Connector

100 AMP RECEPTACLES & BACK BOXES				
GROUND STYLE	CIRCUIT	CATALOG NUMBER		
		E ③ TYPE	C ③ TYPE	RECEPTACLE ONLY
Style I	2W2P	VR1021E5	VR1021C5	VR1021
	3W3P	VR1031E5	VR1031C5	VR1031
	4W4P	VR1041E5	VR1041C5	VR1041
Style II	2W3P	VR1032E5	VR1032C5	VR1032
	3W4P	VR1042E5	VR1042C5	VR1042
Splice box only w/adaptor③④		VJ57	VJC57	Angle adapter only VJA100

③ 100 Amp Back Boxes are available in 1", 1-1/4", 1-1/2" & 2" conduit sizes. Size listed above is 1-1/2". For other available sizes, change the BOLD "5" in either the assembly or box only number as follows:

3=1", 4=1-1/4", 5=1-1/2", 6=2". Assembly catalog numbers are listed for ease of ordering or specification and devices are shipped as components.

④ 100 Amp Boxes & Adapters also fit 60 Amp receptacles. Adapter only can be used to attach receptacle at an angle to a standard sheet metal box.

Back Box Dimensions


VJC

Feed through style shown

① Components are interchangeable & UL classified with other UL1686 configured devices (when installed in accordance with instructions furnished with device). Assemblies containing components from other manufacturers would have the NEMA type rating of the lowest rated device.

② Plugs hazardous suitable when mated with properly rated receptacles configured to use UL1686 type plugs, such as VersaMate VBQ.

⑤ Dimensions in () are 3 pole devices; balance are 4 pole.


KILLARK®

**Wet****Panel Power****Harsh**

FEATURES-SPECIFICATIONS

Applications

Suitable for indoor or outdoor use. Applications include the wet, cold, hazardous, or corrosive areas in such industries as:

- Pulp & Paper Mills
- Breweries
- Electrical Power Plants
- Refineries
- Petrochemical Plants
- Chemical Plants
- Wastewater Treatment
- Grain Facilities
- Marine, Docks, Ports
- Textile Manufacturing
- Construction Sites
- Food Processing Facilities

Standard Materials

Plug, Receptacle & Mounting Box	Copper-free Aluminum (less than 4/10 of 1%) with electrostatically applied polyester/ epoxy paint
Interior Contact Carrier.	Engineered Thermoset Polyester – provides high temperature strength and electrical resistance. Other industrial electrical applications include circuit breaker/switch housings, arc chutes, bus bar insulators and transformer bushings
O-Ring, Gaskets & Seal.....	Neoprene
Pins & Sleeves.....	Brass
Pin Spring	Heat-treated Beryllium Copper
External Hardware	316 Stainless Steel
Increased Safety Terminals	Heat treated & Zinc-plated steel frame with Stainless Steel screws
Ground Standoff & Bracket	Brass & Nickel-plated Bronze

Sample VersaMate® Specifications

Plugs & Receptacles shall be of the metallic NEC style configured to UL1686-C1 specifications. Plugs & Receptacles must be suitable for NEMA 4X environments. Caps shall be of a "Breech-Lock" design capable of being used as a flip lid or screw cover. Cable clamps must be of contoured smooth 2-screw design with a single "Onion Skin" grommet capable of being sized for appropriate cables. Wire terminals must be of the "Increased Safety" design in which the conductor is compressed, not machined, by the set-screw. Hazardous location receptacles must be UL classified to accept any UL 1686-C1 approved plug of appropriate configuration. Hazardous location receptacles shall be rated Class I Groups B,C & D; Class II Groups F & G and N4X.

Switched receptacles must be interlocked and horsepower rated and contain an auxiliary contact for control purposes. Factory-sealed switched receptacles must have an integral wiring chamber, for use with ordinary twist-on wirenuts, that eliminates the need for seals at the device.

Circuit breaker receptacles must be interlocked and constructed so that receptacle units can be field replaced. Device must include an external lock-off safety mechanism for normal operation and an internal lockoff for maintenance (when hazardous materials are not present).

**Hostile**
KILLARK®