



ACCEPTOR QUICK WIRE PLUG

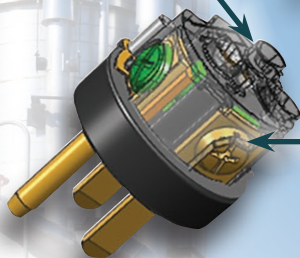


UGPQW PLUG



Built-in wire strip gauge

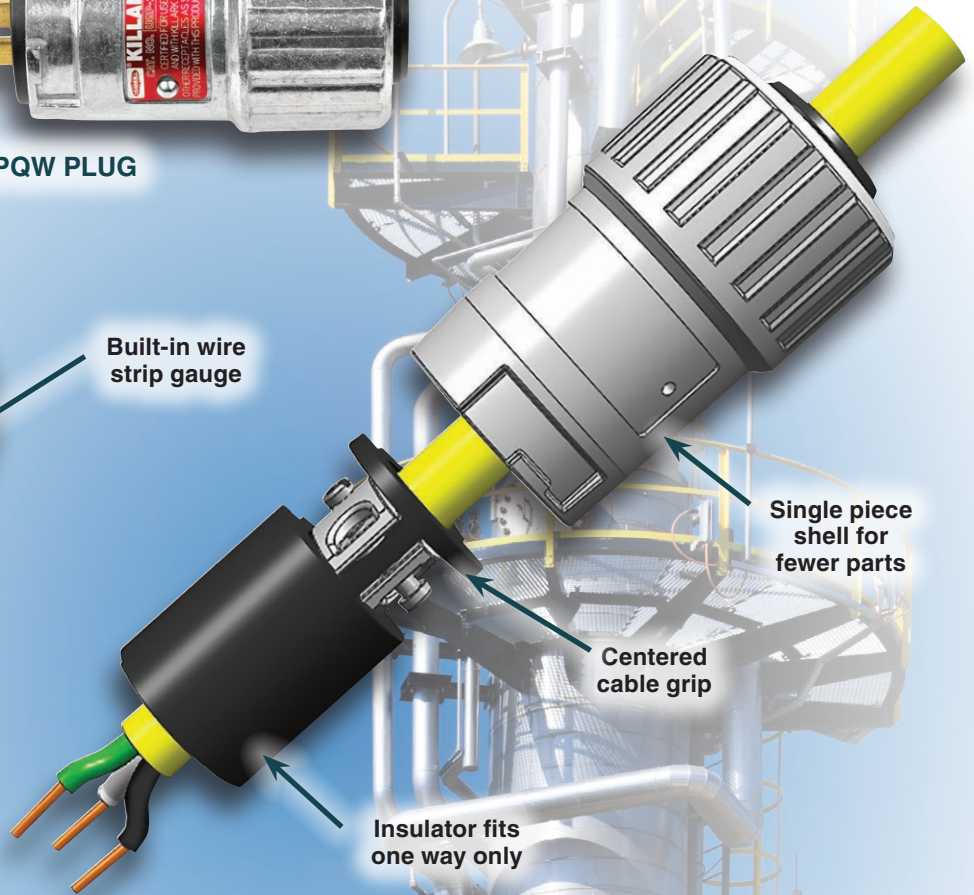
Wire guides enables easy conductor installation



Side tightening terminals use full sized #2 screwdriver (either Flat or Phillips)



Old style insulator requires miniature screwdriver





CONNECTIVITY ACCEPTOR® SERIES

UGP BLADED RECEPTACLES

ACCEPTOR®



UGPQW Plug



Quick Wiring Terminals

Class I, Div. 1 & 2, Groups B, C, D
Class I, Zones 1 & 2, Groups IIB+H2, IIA
Class II, Div. 1 & 2, Groups F, G
Class III
Type 3*



File No. E91049 and/or E53660



Certified File No. LR14667

* Type 3 rating is achieved with non-Group B configurations when a suitable drain is installed.



FEATURES-SPECIFICATIONS

Features

- The Acceptor Series uses a delayed action, twist-to-lock feature to prevent an engaged plug from being removed under load.
- Intermateable with similar competitive products, including classified for use with Crouse-Hinds® Ark-Gard®2 and Appleton® U-Line® devices.
- Factory sealed chamber in UGR receptacle contains switch's arcing components
- No additional external seals are required, except in Group B applications
- Spring loaded receptacle cover closes when plug is removed to provide protection when not in use

Materials

- Copper-free aluminum (less than 4/10 of 1%) alloy resists corrosion
- Electrostatically applied and baked powder epoxy/polyester finish
- All external hardware is 316 stainless steel to provide low maintenance and long life

Electrical Ratings

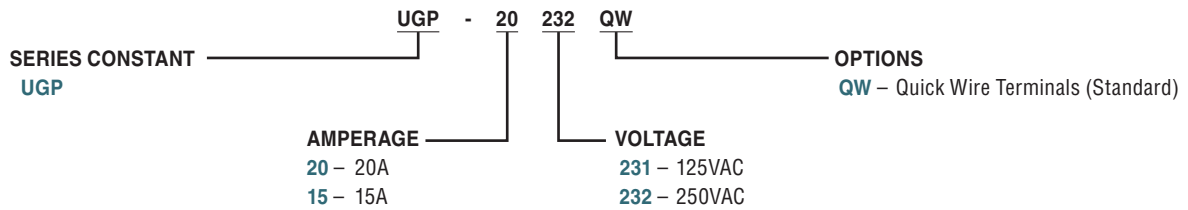
- Amperage = 15A or 20A
- Voltage = 125VAC or 250VAC
- Horsepower = 1 HP @ 125VAC / 2 HP @ 250VAC
- Frequency = 50/60 Hz
- Wire Size = Suitable for #14 - #10 AWG SOOW or similar cable

Ark-Gard® is a registered trademark of Crouse-Hinds®.
U-Line® is a registered trademark of Appleton Electric Company®.

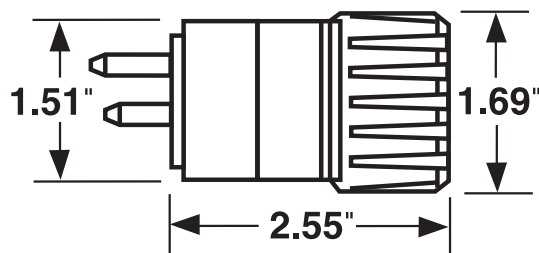


UGP BLADED RECEPTACLES CATALOG LOGIC

UGP PLUGS



VOLTAGE	NEMA CONFIGURATION	CATALOG NUMBER	NEMA CONFIGURATION	CATALOG NUMBER
		15 AMP PLUG W/ QUICK WIRING		20 AMP PLUG W/ QUICK WIRING
125VAC	 5-15P	UGP-15231QW	 5-20P	UGP-20231QW
250VAC	 6-15P	UGP-15232QW	 6-20P	UGP-20232QW



Plug Dimensions



CONNECTIVITY

ACCEPTOR® SERIES

ACCEPTOR QUICK WIRE RECEPTACLE

One or two
conductors per
phase

2nd conductor set feeds
next receptacle in circuit

Wire Guides enable easy
conductor insertion

Side tightening
terminals use full sized
#2 screwdriver (either
Flat or Phillips)

0199270



Old Style Terminals

- Recessed – Difficult to attach conductors
- Conductor must be curled – Full engagement uncertain
- Flat Screwdriver only
- Designed for one conductor – required jumper or “double wiring”



UGR BLADED RECEPTACLES

ACCEPTOR®



UGR Receptacle

Class I, Div. 1 & 2, Groups B^①, C, D
Class I, Zones 1 & 2, Groups IIB+H2, IIA
Class II, Div. 1 & 2, Groups F, G
Class III
Type 3*

 **LISTED** File No. E91049 and/or E53660

 **Certified** File No. LR14667

** Type 3 rating is achieved with non-Group B configurations when a suitable drain is installed.*

FEATURES-SPECIFICATIONS

Features

- The Acceptor Series uses a delayed action, twist-to-lock feature to prevent an engaged plug from being removed under load.
- Intermateable with similar competitive products, including classified for use with Crouse-Hinds® Ark-Gard®2 and Appleton® U-Line® devices.
- Factory sealed chamber in UGR receptacle contains switch's arcing components
- No additional external seals are required (Group B rated configurations to be sealed within 6").
- Spring loaded receptacle cover closes when plug is removed to provide protection when not in use
- Replacement Flip Lid Kit = KIT-173
- "T-Slot" Receptacles allow for use of 15 or 20A plugs.

Materials

- Copper-free aluminum (less than 4/10 of 1%) alloy resists corrosion
- Electrostatically applied and baked powder epoxy/polyester finish
- All external hardware is 316 stainless steel to provide low maintenance and long life
- Cover Bolts = Stainless Steel

Electrical Ratings

- Amperage = 15A or 20A
- Voltage = 125VAC or 250VAC
- Horsepower = 1 HP @ 125VAC / 2 HP @ 250VAC
- Frequency = 50/60 Hz
- Wire Size = Suitable for #14 - #10 AWG SOOW or similar cable

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① Plugs rated Group B when used with properly rated and installed receptacles.

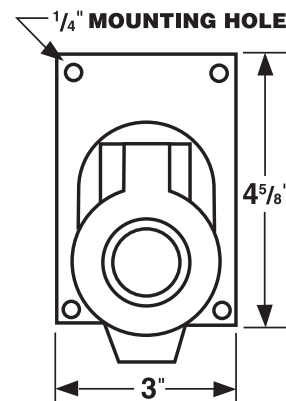
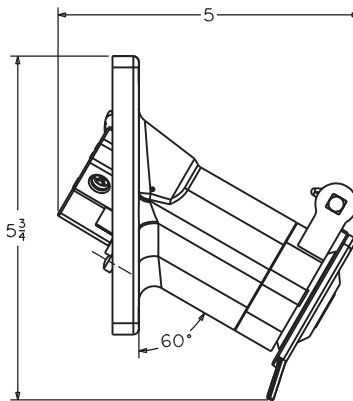
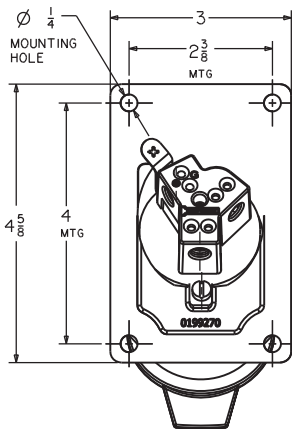
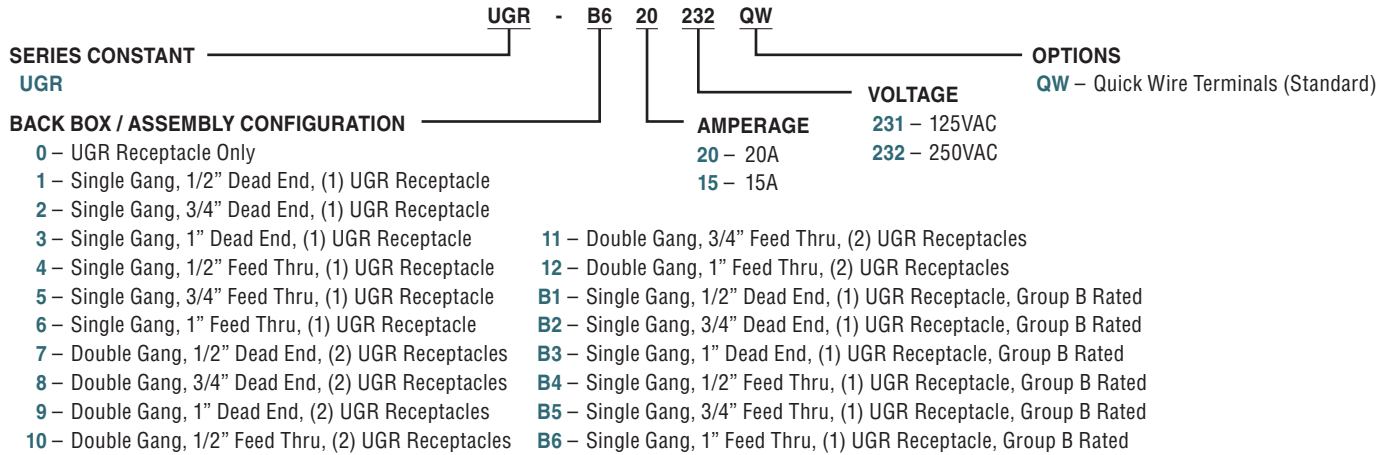


CONNECTIVITY

ACCEPTOR® SERIES

UGR BLADED RECEPTACLES CATALOG LOGIC

UGR RECEPTACLES



Receptacle Dimensions



UNIVERSAL ADAPTER KIT

ACCEPTOR® receptacles are available with an adapter kit for mounting to Crouse-Hinds® EDS Series or Appleton® EFD Series back boxes.

ACCEPTOR® receptacles properly installed with these adapter kits are U.L. Listed for use in Class I, Div. 2, Groups B,C,D hazardous locations and Zone II, Groups IIB + H2, IIA.

Kit contains one ACCEPTOR® receptacle plus adapter plate and mounting bolts.



Listed File No. E91049



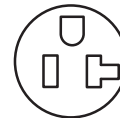
Certified LR14667

UGRA ADAPTER KIT

NEMA RATING & CONFIGURATION

ADAPTER KIT CATALOG NUMBER

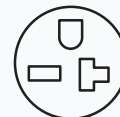
20 Amp 125 Volt

2 POLE
3 WIRE

5-20R

UGRA-20231

20 Amp 250 Volt

2 POLE
3 WIRE

6-20R

UGRA-20232



UGR RECEPTACLE CONFIGURATION TABLE



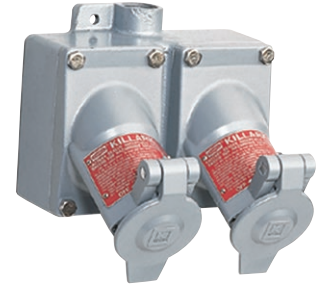
SWB-1, 2, 3



SWB-4, 5, 6



Single Gang



Double Gang

RECEPTACLES AND ASSEMBLIES④					
NEMA RATING & CONFIGURATION	ENCLOSURE STYLE	HUB SIZE	SINGLE GANG	DOUBLE GANG	SINGLE GANG GROUP B RATED
20 Amp 125 Volt 2 POLE 3 WIRE  5-20R	RECEPTACLE ONLY	—	UGR0-20231QW	UGR0-20231QW	—
	DEAD END	1/2"	UGR1-20231QW	UGR7-20231QW	UGRB1-20231QW
		3/4"	UGR2-20231QW	UGR8-20231QW	UGRB2-20231QW
		1"	UGR3-20231QW	UGR9-20231QW	UGRB3-20231QW
	FEED-THRU	1/2"	UGR4-20231QW	UGR10-20231QW	UGRB4-20231QW
		3/4"	UGR5-20231QW	UGR11-20231QW	UGRB5-20231QW
		1"	UGR6-20231QW	UGR12-20231QW	UGRB6-20231QW
15 Amp 125 Volt 2 POLE 3 WIRE  5-15R	RECEPTACLE ONLY	—	UGR0C-15231QW	UGR0C-15231QW	—
	DEAD END	1/2"	UGR1C-15231QW	UGR7C-15231QW	UGRB1C-15231QW
		3/4"	UGR2C-15231QW	UGR8C-15231QW	UGRB2C-15231QW
		1"	UGR3C-15231QW	UGR9C-15231QW	UGRB3C-15231QW
	FEED-THRU	1/2"	UGR4C-15231QW	UGR10C-15231QW	UGRB4C-15231QW
		3/4"	UGR5C-15231QW	UGR11C-15231QW	UGRB5C-15231QW
		1"	UGR6C-15231QW	UGR12C-15231QW	UGRB6C-15231QW
20 Amp 250 Volt 2 POLE 3 WIRE  6-20R	RECEPTACLE ONLY	—	UGR0-20232QW	UGR0-20232QW	—
	DEAD END	1/2"	UGR1-20232QW	UGR7-20232QW	UGRB1-20232QW
		3/4"	UGR2-20232QW	UGR8-20232QW	UGRB2-20232QW
		1"	UGR3-20232QW	UGR9-20232QW	UGRB3-20232QW
	FEED-THRU	1/2"	UGR4-20232QW	UGR10-20232QW	UGRB4-20232QW
		3/4"	UGR5-20232QW	UGR11-20232QW	UGRB5-20232QW
		1"	UGR6-20232QW	UGR12-20232QW	UGRB6-20232QW
15 Amp 250 Volt 2 POLE 3 WIRE  6-15R	RECEPTACLE ONLY	—	UGR0C-15232QW	UGR0C-15232QW	—
	DEAD END	1/2"	UGR1C-15232QW	UGR7C-15232QW	UGRB1C-15232QW
		3/4"	UGR2C-15232QW	UGR8C-15232QW	UGRB2C-15232QW
		1"	UGR3C-15232QW	UGR9C-15232QW	UGRB3C-15232QW
	FEED-THRU	1/2"	UGR4C-15232QW	UGR10C-15232QW	UGRB4C-15232QW
		3/4"	UGR5C-15232QW	UGR11C-15232QW	UGRB5C-15232QW
		1"	UGR6C-15232QW	UGR12C-15232QW	UGRB6C-15232QW



CONNECTIVITY ACCEPTOR® SERIES

UGRC IN-LINE CONNECTOR RECEPTACLES

ACCEPTOR®



Connector with
Breech-Lock Cap



"3rd Hand"
Operation

Class I, Div. 1 & 2, Groups B, C, D
(Canada Only)

Class I, Zones 1 & 2, Groups IIB+H2, IIA

Class II, Div. 1 & 2, Groups F, G

Class III

Type 3, 4X



Certified File No. 2177259



Connector shown
with Acceptor UGRP
receptacle mounted
in explosion proof
Quantum® enclosure



Flip Cap

FEATURES-SPECIFICATIONS

Features

- The Acceptor Series uses a delayed action, twist-to-lock feature to prevent an engaged plug from being removed under load.
- Intermateable with similar competitive products, including certified for use with Crouse-Hinds® Ark-Gard®2 and Appleton® U-Line® devices.
- Available with the exclusive **BREECH-LOCK CAP** – patented notch provides "3rd Hand" operation, so the lid stays open while engaging plug
- Factory Sealed Construction
- Dead Front Construction with integral switch – requires Hazardous Rated NEMA Bladed plug for operation
- Breech Cap models Type 4X rated with lid closed and turned, Type 3 when plug engaged. Flip Lid models Type 3 with hinge in up position.
- "T-Slot" Receptacles allow for use of 15 or 20A plugs.
- Replacement Breech Cap Lid Kit = KIT-173B
- Replacement Flip Lid Kit = KIT-173

Materials

- Copper-free aluminum (less than 4/10 of 1%) alloy resists corrosion
- Electrostatically applied and baked powder epoxy/polyester finish

Electrical Ratings

- Amperage = 15A or 20A
- Voltage = 125VAC or 250VAC
- Horsepower = 1 HP @ 125VAC / 2 HP @ 250VAC
- Frequency = 50/60 Hz
- Wire Size = Suitable for 14-10 gauge SOOW or similar cable

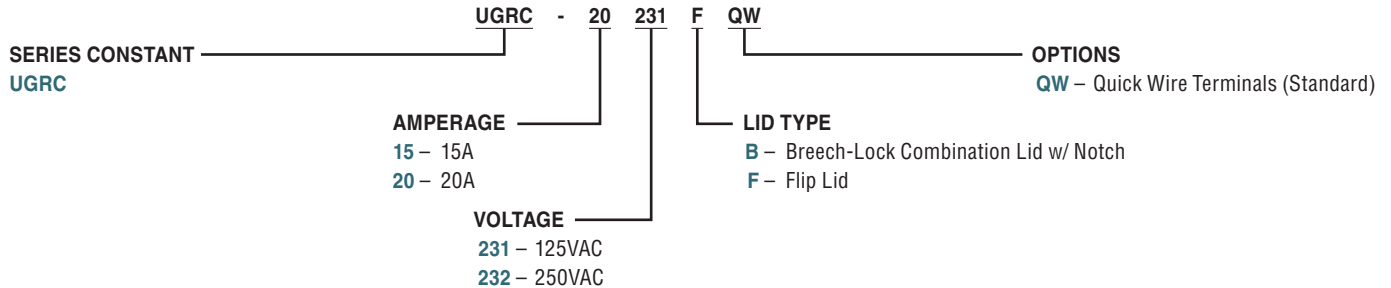
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U-Line® is a registered trademark of Appleton Electric Company®.



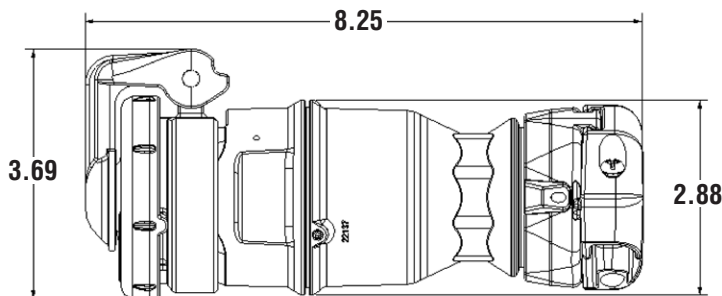
UGRC IN-LINE CONNECTOR RECEPTACLES CATALOG LOGIC

UGRC CONNECTOR RECEPTACLES

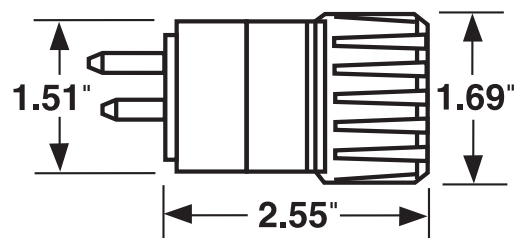


NEMA CONFIGURATION	125V CONNECTOR CAP STYLE	CATALOG NUMBER
15 AMP 125 VOLT 2 POLE 3 WIRE 5-15R	Breech-Lock with Notch Flip Type	UGRC-15231BQW UGRC-15231FQW
	Killark 125V Plugs 15 Amp	UGP-15231QW
20 AMP 125 VOLT 2 POLE 3 WIRE 5-20R with T-slots	Breech-Lock with Notch Flip Type	UGRC-20231BQW UGRC-20231FQW
	Killark 125V Plugs 20 Amp 15 Amp	UGP-20231QW UGP-15231QW
250V CONNECTOR CAP STYLE		
15 AMP 250 VOLT 2 POLE 3 WIRE 6-15R	Breech-Lock with Notch Flip Type	UGRC-15232BQW UGRC-15232FQW
	Killark 250V Plugs 15 Amp	UGP-15232QW
20 AMP 250 VOLT 2 POLE 3 WIRE 6-20R with T-slots	Breech-Lock with Notch Flip Type	UGRC-20232BQW UGRC-20232FQW
	Killark 250V Plugs 20 Amp 15 Amp	UGP-20232QW UGP-15232QW

DIMENSIONS



UGRC Connector
Breech cap model shown, Flip cap model
dimensions are similar



UGP Plug



CONNECTIVITY

ACCEPTOR® SERIES

UGRP PANEL RECEPTACLES

ACCEPTOR®



Breach Cap Model



Flip Cap



Typical Installation

Class I, Div. 1 & 2, Groups B, C, D^①
Class I, Zones 1 & 2, Groups IIB+H2, IIA
Class II, Div. 1 & 2, Groups F, G
Class III
Type 3, 4X



Certified File No. 2218704

FEATURES-SPECIFICATIONS

Features

- The Acceptor Series uses a delayed action, twist-to-lock feature to prevent an engaged plug from being removed under load.
- Intermateable with similar competitive products, including certified for use with Crouse-Hinds® Ark-Gard®2 and Appleton® U-Line® devices.
- Available with the exclusive **BREECH-LOCK CAP** – patented notch provides “3rd Hand” operation, so the lid stays open while engaging plug
- Factory Sealed Construction
- Dead Front Construction with integral switch – requires Hazardous Rated NEMA Bladed plug for operation
- Class I Div.1 B,C,D in enclosures certified to 325 explosive PSI (2”-11½ NPSM threads). Class I Div. 2 in standard location enclosures using only non-arcing components.
- Breach Cap models Type 4X rated with lid closed and turned, Type 3 when plug engaged. Flip Lid models Type 3 with hinge in up position.
- “T-Slot” Receptacles allow for use of 15 or 20A plugs.
- Replacement Breach Cap Lid Kit = KIT-173B
- Replacement Flip Lid Kit = KIT-173

Materials

- Copper-free aluminum (less than 4/10 of 1%) alloy resists corrosion
- Electrostatically applied and baked powder epoxy/polyester finish

Electrical Ratings

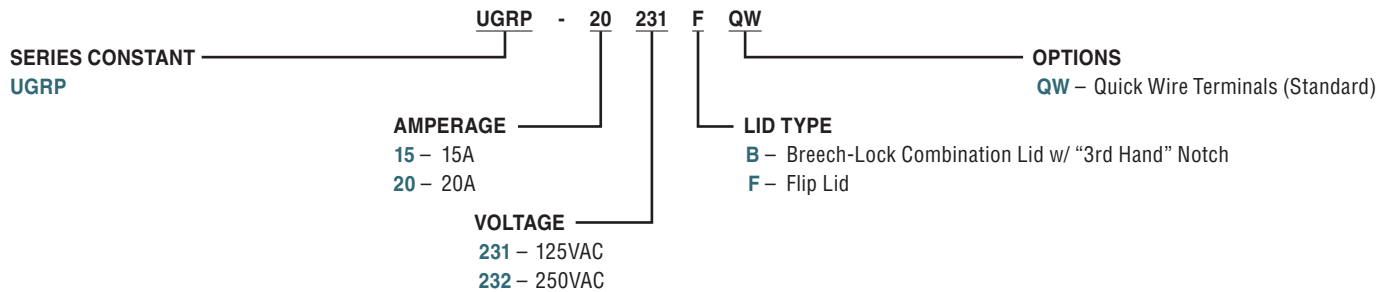
- Amperage = 15A or 20A
- Voltage = 125VAC or 250VAC
- Horsepower = 1 HP @ 125VAC / 2 HP @ 250VAC
- Frequency = 50/60 Hz
- Wire Size = Suitable for 14-10 gauge SOOW or similar cable

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U-Line® is a registered trademark of Appleton Electric Company®.



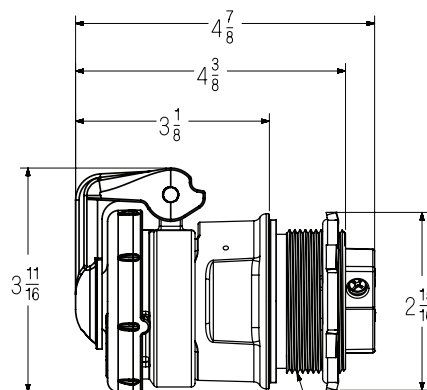
UGRP PANEL RECEPTACLES CATALOG LOGIC

UGRP PANEL MOUNT RECEPTACLES

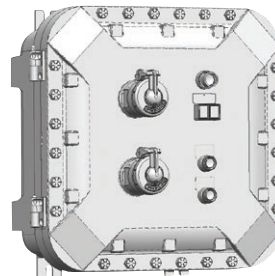


NEMA CONFIGURATION	125V PANEL RECEPTACLE CAP STYLE	CATALOG NUMBER
15 AMP 125 VOLT 2 POLE 3 WIRE  5-15R	Breech-Lock with Notch Flip Type	UGRP-15231BQW UGRP-15231FQW
	Killark 125V Plugs 15 Amp	UGP-15231QW
20 AMP 125 VOLT 2 POLE 3 WIRE  5-20R with T-slots	Breech-Lock with Notch Flip Type	UGRP-20231BQW UGRP-20231FQW
	Killark 125V Plugs 20 Amp 15 Amp	UGP-20231QW UGP-15231QW
250V PANEL RECEPTACLE CAP STYLE		
15 AMP 250 VOLT 2 POLE 3 WIRE  6-15R	Breech-Lock with Notch Flip Type	UGRP-15232BQW UGRP-15232FQW
	Killark 250V Plugs 15 Amp	UGP-15232QW
20 AMP 250 VOLT 2 POLE 3 WIRE  6-20R with T-slots	Breech-Lock with Notch Flip Type	UGRP-20232BQW UGRP-20232FQW
	Killark 250V Plugs 20 Amp 15 Amp	UGP-20232QW UGP-15232QW

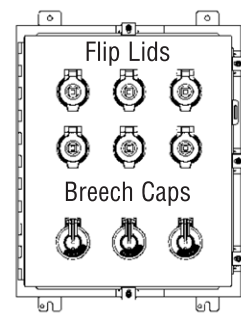
DIMENSIONS



Breech Cap model shown.
Flip Cap model dimensions are similar



Typical CLI Div. 1
application



Typical CLI Div. 2
application

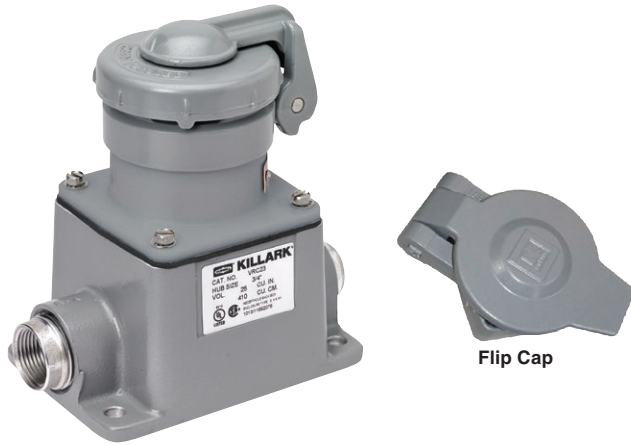


CONNECTIVITY

ACCEPTOR® SERIES

UGRS RECEPTACLES

ACCEPTOR®



Breach Cap Model

Flip Cap

Class I, Div. 2, Groups B, C, D
Class I, Zone 2, Groups IIB+H2, IIA
Class II, Div. 1 & 2, Groups F, G
Class III
Type 3, 4X



Certified File No. 2218704

FEATURES-SPECIFICATIONS

Features

- The Acceptor Series uses a delayed action, twist-to-lock feature to prevent an engaged plug from being removed under load.
- Intermateable with similar competitive products, including certified for use with Crouse-Hinds® Ark-Gard®2 and Appleton® U-Line® devices.
- Available with the exclusive **BREECH-LOCK CAP** – patented notch provides “3rd Hand” operation, so the lid stays open while engaging plug
- Breach Cap models Type 4X rated with lid closed and turned, Type 3 when plug engaged. Flip Lid models Type 3 with hinge in up position.
- “T-Slot” Receptacles allow for use of 15 or 20A plugs.
- Replacement Breach Cap Lid Kit = KIT-173B
- Replacement Flip Lid Kit = KIT-173
- Utilize Versamate mounting boxes, with a rotateable design to allow more installation options.
- Suitable for install on sheet metal enclosures which contain no arcing or sparking devices.

Materials

- Copper-free aluminum (less than 4/10 of 1%) alloy resists corrosion.
- Electrostatically applied and baked powder epoxy / polyester finish.
- Gaskets = Rubber
- External Hardware = Stainless Steel

Electrical Ratings

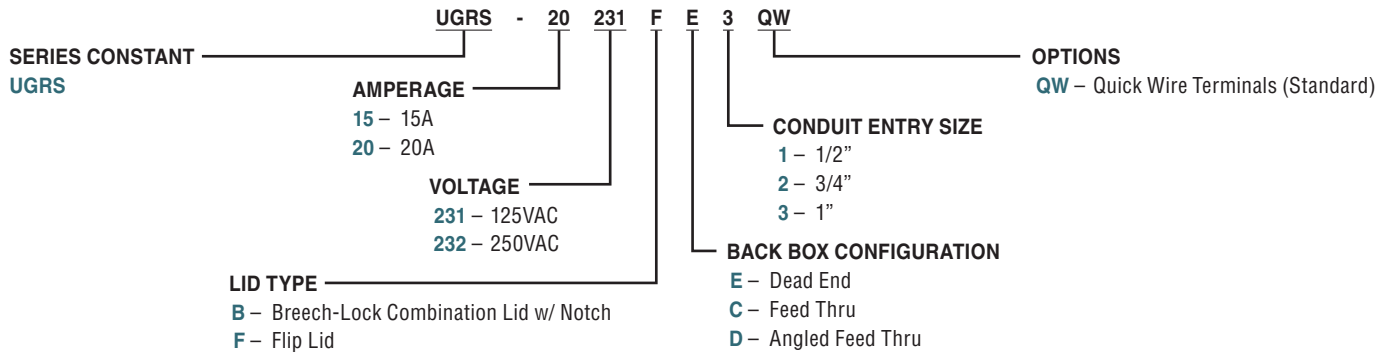
- Amperage = 15A or 20A
- Voltage = 125VAC or 250VAC
- Horsepower = 1 HP @ 125VAC / 2 HP @ 250VAC
- Frequency = 50/60 Hz

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UGRS RECEPTACLES CATALOG LOGIC

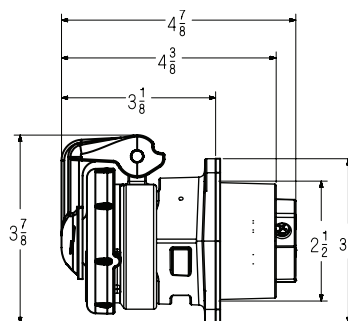
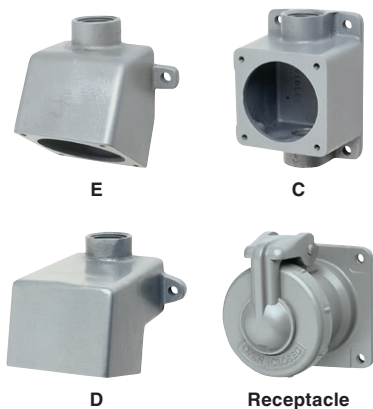
UGRS SQUARE MOUNT RECEPTACLES



UGRS RECEPTACLE & BACKBOXES				
	E TYPE DEAD END	C TYPE FEED THRU	D TYPE ANGLED FEED THRU	RECEPTACLE ONLY
15A 125V	UGRS-15231BE2QW	UGRS-15231BC2QW	UGRS-15231BD2QW	UGRS-15231BQW
20A 125V	UGRS-20231BE2QW	UGRS-20231BC2QW	UGRS-20231BD2QW	UGRS-20231BQW
15A 250V	UGRS-15232BE2QW	UGRS-15232BC2QW	UGRS-15232BD2QW	UGRS-15232BQW
20A 250V	UGRS-20232BE2QW	UGRS-20232BC2QW	UGRS-20232BD2QW	UGRS-20232BQW

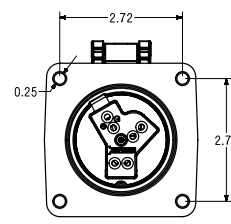
Boxes listed are for 3/4" NPT entries. For 1/2" NPT entries, change the bold digit to "1"; for 1" entries, change the bold digit to "3".

NEMA CONFIGURATION	125V SQUARE RECEPTACLE CAP STYLE	CATALOG NUMBER
15 AMP 125 VOLT 2 POLE 3 WIRE 	Breech-Lock with Notch Flip Type Killark 125V Plugs 15 Amp	UGRS-15231BQW UGRS-15231FQW UGP-15231QW
20 AMP 125 VOLT 2 POLE 3 WIRE 	Breech-Lock with Notch Flip Lid Type Killark 125V Plugs 20 Amp 15 Amp	UGRS-20231BQW UGRS-20231FQW UGP-20231QW UGP-15231QW
250V SQUARE RECEPTACLE CAP STYLE		
15 AMP 250 VOLT 2 POLE 3 WIRE 	Breech-Lock with Notch Flip Type Killark 250V Plugs 15 Amp	UGRS-15232BQW UGRS-15232FQW UGP-15232QW
20 AMP 250 VOLT 2 POLE 3 WIRE 	Breech-Lock with Notch Flip Lid Type Killark 250V Plugs 20 Amp 15 Amp	UGRS-20232BQW UGRS-20232FQW UGP-20232QW UGP-15232QW

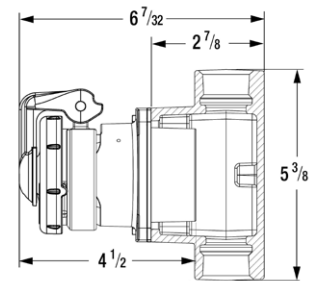


UGRS Receptacle (No Splice Box)

DIMENSIONS



UGRS Receptacle
Mounting
Dimensions



Example UGRS
Complete Assembly

Breech Cap model shown.
Flip Cap model dimensions are similar

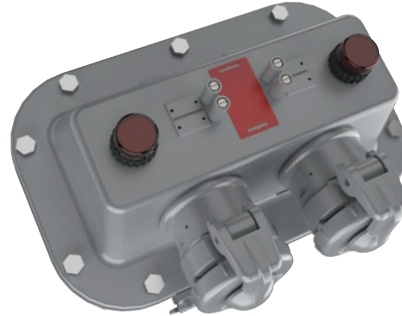
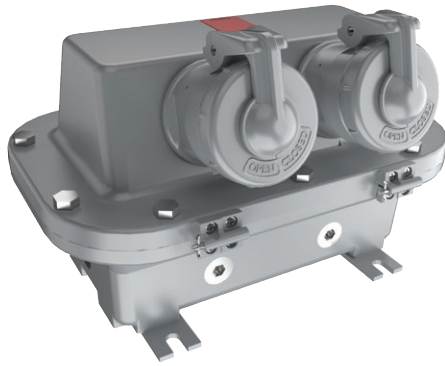


CONNECTIVITY

UGR4X SERIES

UGR4X DUPLEX GFCI RECEPTACLE

ACCEPTOR[®]



Class I, Div. 1 & 2, Groups C, D
Class I, Zones 1 & 2, Groups IIB, IIA
Class II, Div. 1 & 2, Groups F,G
Class III
Type 3, 4, 4X



Certified File No. 70169491

FEATURES-SPECIFICATIONS

Features

- The Acceptor UGR4X receptacle complements the UGP/UGR Series of plugs and receptacles.
- Used with Acceptor plugs, the UGR4X offers a duplex design for multiple equipment hookup in hazardous location areas, while providing Type 4X ratings when not in use.
- GFCI option also provides circuit protection, for connected apparatus, against current overload and short circuits (20A/125VAC configuration only). Indicating lights and GFCI Resets provide full status and functionality indication.
- UGR4X Receptacles are interchangeable and certified for use with other NEMA bladed type explosion-proof and dust ignition proof plugs, including Crouse-Hinds[®] Ark-Gard[®]2 and Appleton[®] U-Line[®] equipment.
- Exclusive Breech-Lock Cap - patented notch provides "3rd Hand" operation, so the lid stays open while engaging plug.
- Factory Sealed Construction (Non-GFCI Version)
- Dead Front Construction with integral switch - requires Hazardous Rated NEMA Bladed plug for operation.

Materials

- Copper-free aluminum (less than 4/10 of 1%) alloy resists corrosion
- Electrostatically applied and baked powder epoxy / polyester finish
- Gasket = Silicone
- External Hardware = Stainless Steel

Electrical Ratings

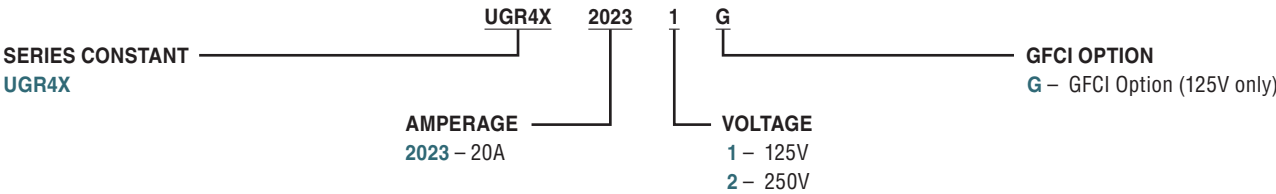
- Amperage = 15A or 20A
- Voltage = 125VAC or 250VAC
- Frequency = 60Hz
- GFCI = 5mA Trip

Ark-Gard[®] is a registered trademark of Crouse-Hinds[®].
U-Line[®] is a registered trademark of Appleton Electric Company[®].

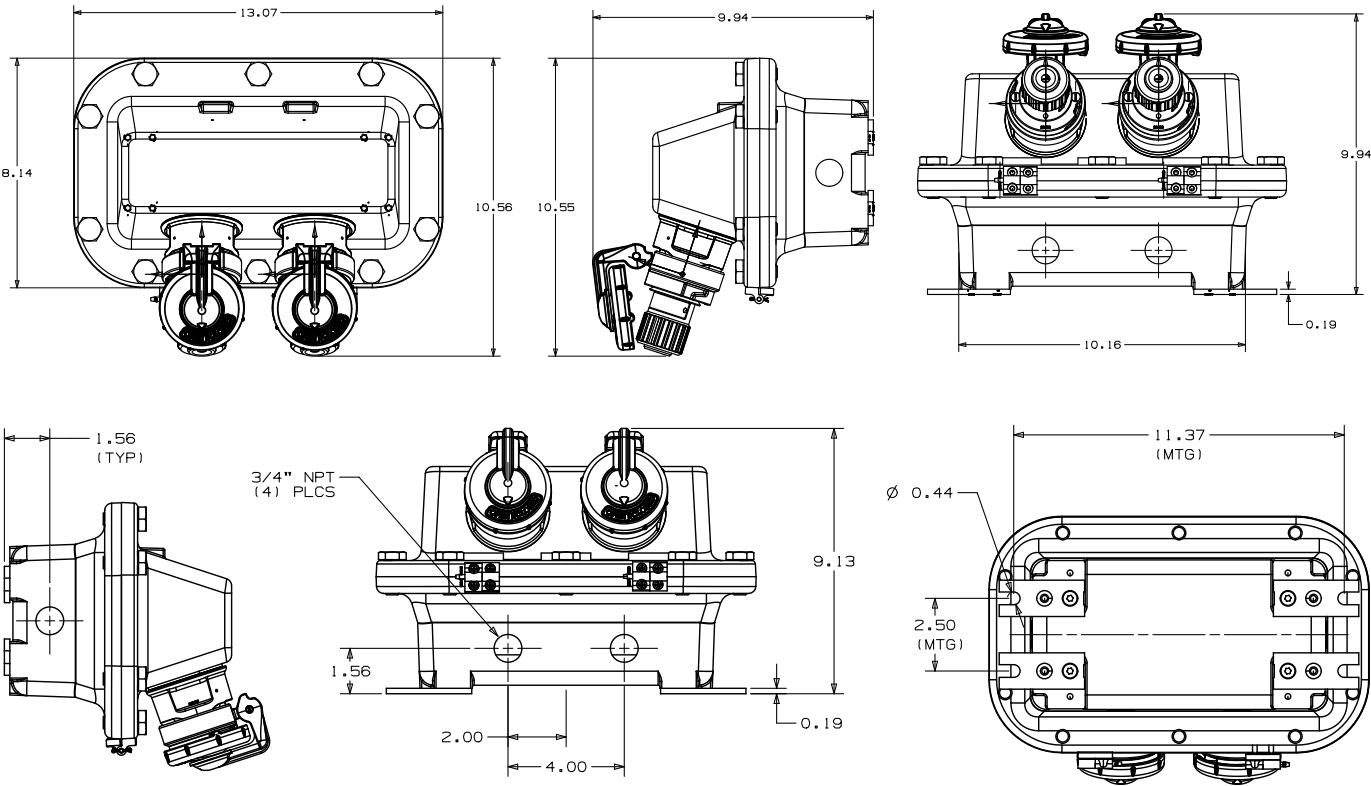


UGR4X DUPLEX GFCI RECEPTACLE CATALOG LOGIC

UGR4X CATALOG LOGIC



DIMENSIONS





CONNECTIVITY

ACCEPTOR® SERIES

UGFI / UGRGF GROUND FAULT PROTECTOR RECEPTACLES

ACCEPTOR®



UGRGF



UGFI Adapter Unit

UGRGF

Class I, Div. 1 & 2, Groups C, D

Class I, Zones 1 & 2, Groups IIB, IIA

Class II, Div. 1 & 2, Groups F, G

Class III

Type 3



Certified LR11714

UGFI Adapter Unit

Class I, Div. 2, Groups B, C, D

Class I, Zone 2, Groups IIB+H2, IIA

Class II, Div. 1 & 2, Groups F, G

Class III, Div. 1 & 2

Type 3

UGFI Hard-Wired Unit

Class I, Div. 1 & 2, Groups B, C, D

Class I, Zones 1 & 2, Groups IIB+ H2, IIA

Class II, Div. 1 & 2, Groups F, G

Class III, Div. 1 & 2

Type 3



LISTED File No. E91049©



Certified File No. LR14667©

FEATURES-SPECIFICATIONS

Features

- The Acceptor Series uses a delayed action, twist-to-lock feature to prevent an engaged plug from being removed under load.
- Intermateable with similar competitive products, including certified / classified for use with Crouse-Hinds® Ark-Gard®2 and Appleton® U-Line® devices.
- Factory Sealed (Hard Wired GFCI Units in Group B areas to be sealed within 6" of enclosure)
- Type 3 Weather Ratings
- GFCI Protection for superior protection.

UGRGF Features

- Test/Reset Push Buttons provided as standard, with optional indicating Pilot Light

UGFI Features

- Adapter Unit provided with 36" cord and Acceptor Plug
- Indicating Pilot Light included as standard
- Units can be padlocked in the "OFF" position for added safety features

Materials

- Copper-free aluminum (less than 4/10 of 1%) alloy resists corrosion.
- Electrostatically applied and baked powder epoxy / polyester finish.
- Gasket = Silicone
- External Hardware = Stainless Steel

Electrical Rating

- Amperage = 15A or 20A
- Voltage = 125VAC or 250VAC
- Frequency = 50/60 Hz
- GFI Units rated 20A, 125V, 60Hz, Class A
- 5 milliamp trip setting
- UGFI 2-Pole 250V configurations are only suitable for "2-hot wire" connections, such as 120/240V or 120/208 'Wye / Y' Grounded power supply systems. "Delta" supply systems are not supported.

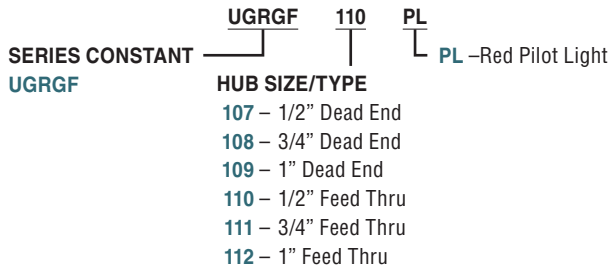
Ark-Gard® is a registered trademark of Crouse-Hinds®.

U-Line® is a registered trademark of Appleton Electric Company®.

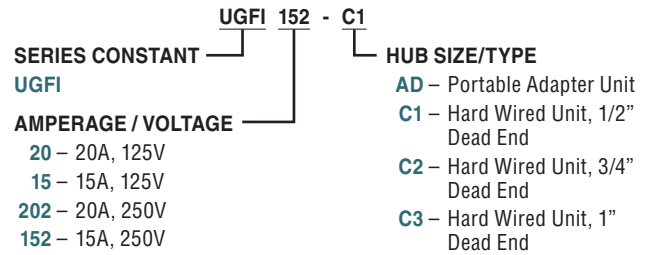


UGFI / UGRGF GROUND FAULT PROTECTOR RECEPTACLES - CATALOG LOGIC

UGRGF GFCI RECEPTACLES



UGFI GFCI RECEPTACLES

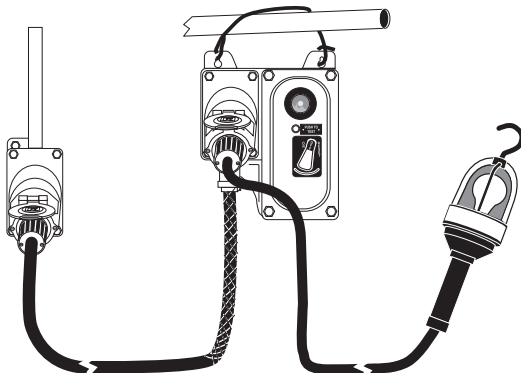


NEMA RATING & CONFIGURATION	ENCLOSURE STYLE	HUB SIZE	CATALOG NUMBER
20A, 125V, 2P, 3W	Dead End	1/2"	UGRGF107
	Dead End	3/4"	UGRGF108
	Dead End	1"	UGRGF109
	Feed Thru	1/2"	UGRGF110
	Feed Thru	3/4"	UGRGF111
	Feed Thru	1"	UGRGF112

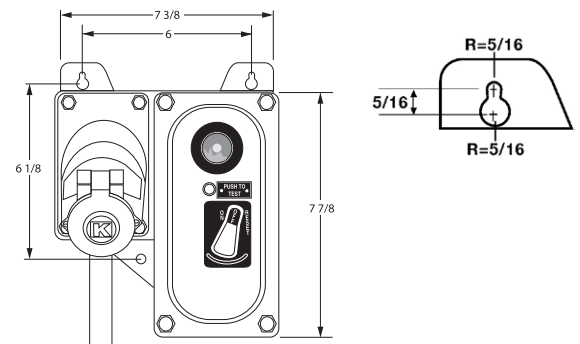
GFCI RECEPTACLE ADAPTER (W/CORD SET)		
20A 125V ②	UGFI20AD	 5-20R
15A 125V ②	UGFI15AD	 5-15R
20A 250V ②③	UGFI202AD	 6-20R
15A 250V ②③	UGFI152AD	 6-15R

HARD WIRED (PERMANENTLY MOUNTED) GFCI RECEPTACLE			
20A 125V ②	 5-20R	1/2" HUB 3/4" HUB 1" HUB	UGFI20C1 UGFI20C2 UGFI20C3
15A 125V ②	 5-15R	1/2" HUB 3/4" HUB 1" HUB	UGFI15C1 UGFI15C2 UGFI15C3
20A 250V ②③	 6-20R	1/2" HUB 3/4" HUB 1" HUB	UGFI202C1 UGFI202C2 UGFI202C3
15A 250V ②③	 6-15R	1/2" HUB 3/4" HUB 1" HUB	UGFI152C1 UGFI152C2 UGFI152C3

UGFI ADAPTER UNIT



UGFI HARD-WIRED UNIT

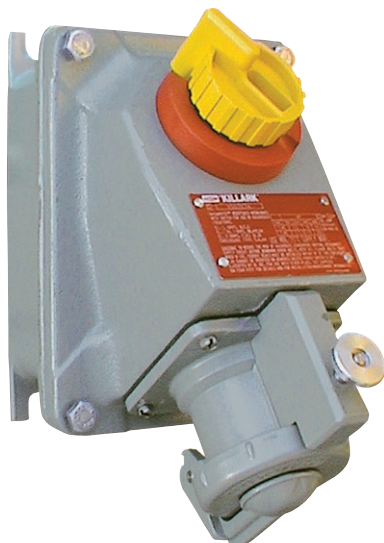




CONNECTIVITY

VERSAMATE® SERIES

VSQ/VWSQ SWITCHED RECEPTACLES



Plug

VSQ Hazardous Location Ratings

Class I, Div. 1 & 2, Groups B, C, D
Class I, Zones I & 2, Groups IIB+H2, IIA
Class II, Div. 1 & 2, Groups F & G
Class III
Type 3, 4, 4X

VWSQ for Wet & Corrosive Locations

Type 3, 4, 4X

VSQ  File No. LR14667

VWSQ  File No. E216488

FEATURES-SPECIFICATIONS

Features

- Type 4X with receptacle lid turned shut or with plug locking ring tightened
- Compact size and footprint
- Plug Interlock Mechanism for Dead-front construction. Switch cannot be turned "ON" without fully inserted plug. Plug cannot be removed with switch in "ON" position
- Plug held in place when switch is "Off" for convenience. Pull operated release mechanism. Plug and wiring do not have to be twisted or held to operate switch
- Factory Wired Receptacle; easy to wire line side of switch
- Easily visible "On-Off" indicator handle
- "Off" position is padlockable for maintenance safety
- Feed-through construction
- Horsepower rated (Internal Switch Only) as "Motor Disconnect"
- VSQ/VWSQ 30 Amp models come standard with 1" drilled and tapped conduit openings top and bottom plus two 1" x 3/4" reducers and one 3/4" close-up plug for maximum flexibility.
- 60 amp models come with 1-1/2" openings top and bottom and one 1-1/2" close-up plug.

- VSQ & VWSQ Receptacle covers are NOT interchangeable.
- Ordinary twist type wire connectors are used for final connections on 30A. 60A devices have terminal blocks
- UL 1686-C1 Intermateable with similar competitive products, including classified / certified for use with Crouse-Hinds® Arkrite® and Appleton® Powertite® devices.

Arkrite® is a registered trademark of Crouse-Hinds®.

Powertite® is a registered trademark of Appleton Electric Company®.

Materials

- Copper-free aluminum construction with electrostatically applied polyester/epoxy finish.
- Handle mechanism is chemical resistant Valox® (TM General Electric).
- External Hardware = Stainless

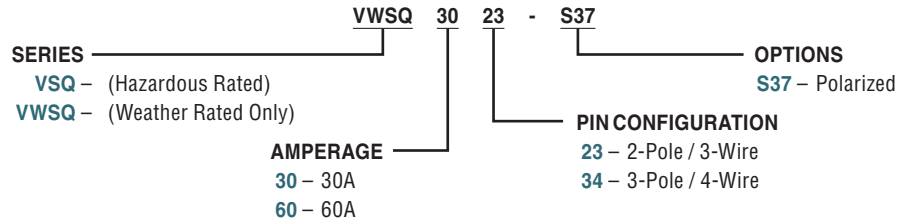
Electrical Ratings

- Amperage = 30A or 60A
- Voltage = Up to 600VAC
- Frequency = 50/60 Hz
- Wire Range
 - » 30 Amp Regular Stranding Max #10
 - » 60 Amp Regular Stranding Max #4
- Auxiliary Contact (late-make early-break) contact rated 10 Amp, 1/3 HP at 125/250 VAC. Can be used for operating pilot lights or starter coils (standard model only)

HORSEPOWER RATINGS (VAC)		120	240	480	600
30A	1Ø	2	5	10	15
	3Ø	3	7.5	15	20
60A	1Ø	–	10	15	20
	3Ø	–	10	25	30

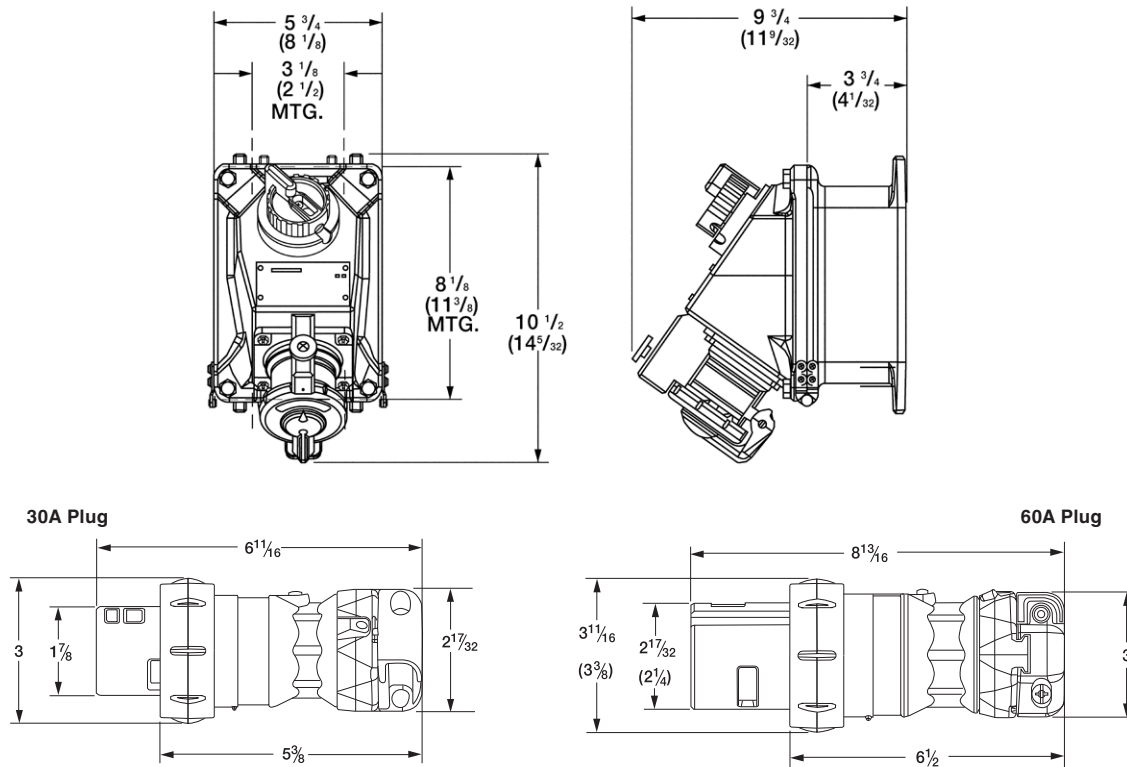


VSQ SWITCHED RECEPTACLES



VSQ & VWSQ RECEPTACLES				
AMPS	CIRCUIT	CATALOG NUMBER		
		VSQ HAZARDOUS	VWSQ WEATHER RATED ONLY	MATING PLUG
30	2P3W	VSQ3023	VWSQ3023	VP3023
	3P4W	VSQ3034	VWSQ3034	VP3034
60	2P3W	VSQ6023	VWSQ6023	VP6023
	3P4W	VSQ6034	VWSQ6034	VP6034

DIMENSIONS

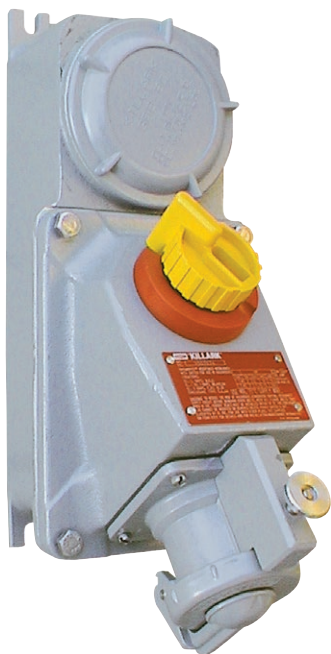


Dimensions shown are in inches for 30 AMP; 60 Amp dimensions in ().



CONNECTIVITY VERSAMATE® SERIES

VSQ-FS FACTORY SEALED



Plug

Class I, Div. 1 & 2, Groups B, C, D
Class I, Zones I & 2, Groups IIB+H2, IIA
Class II, Div. 1 & 2, Groups F & G
Class III
Type 3, 4, 4X



Certified File No. LR14667

FEATURES-SPECIFICATIONS

Features – same as VSQ plus:

- Factory Sealed Construction eliminates need for conduit sealing at the device
- Saves Installation Time & Labor – facilitates rework
- Switch has factory wired line and load terminals. Load terminals feed sealed receptacle as in a standard VSQ. Line wiring is passed from the sealed compartment into the wiring chamber
- Receptacles may be loosened from back box and turned 180 degrees to adjust for top or bottom feed.
- Ordinary twist type wire connectors are used for final connections on 30A. 60A devices have terminal blocks
- VSQ-FS 30 Amp models come standard with one 1" drilled and tapped conduit openings into the wiring chamber plus one 1" x 3/4" reducer.
- VSQ-FS 60 Amp models come standard with one 1-1/2" drilled and tapped conduit openings into the wiring chamber plus one 1-1/2" x 1-1/4" reducer.
- VSQ-FS models not available with auxiliary contacts.
- Horsepower rated (Internal Switch Only) as "Motor Disconnect"

Materials

- Copper-free aluminum construction with electrostatically applied polyester/epoxy finish.
- Handle mechanism is chemical resistant Valox® (TM General Electric).
- External Hardware = Stainless

Electrical Ratings

- Amperage = 30A or 60A
- Voltage = Up to 600VAC
- Frequency = 50/60 Hz

Wire Range

- 30 Amp Regular Stranding Max #10
- 60 Amp Regular Stranding Max #4

HORSEPOWER RATINGS (VAC)		120	240	480	600
30A	1Ø	2	5	10	15
	3Ø	3	7.5	15	20
60A	1Ø	–	10	15	20
	3Ø	–	10	25	30



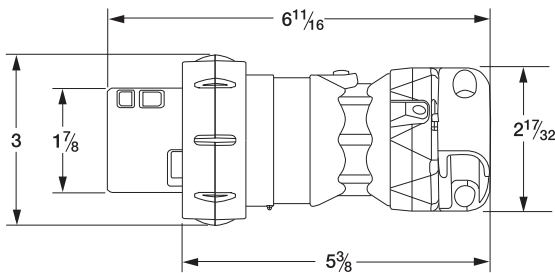
VSQ-FS FACTORY SEALED

VSQ - FS RECEPTACLES			
AMPS	CIRCUIT	CATALOG NUMBER	
		VSQ-FS HAZARDOUS	MATING PLUG
30	2P3W	VSQ3023FS	VP3023
30	3P4W	VSQ3034FS	VP3034
60	2P3W	VSQ6023FS	VP6023
60	3P4W	VSQ6034FS	VP6034

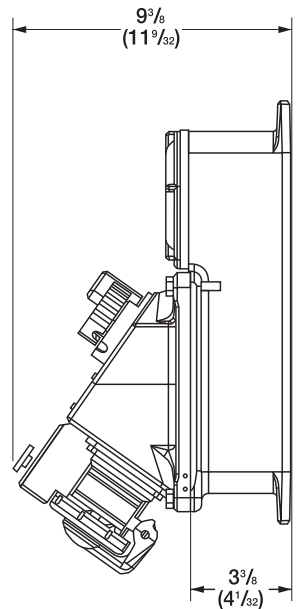
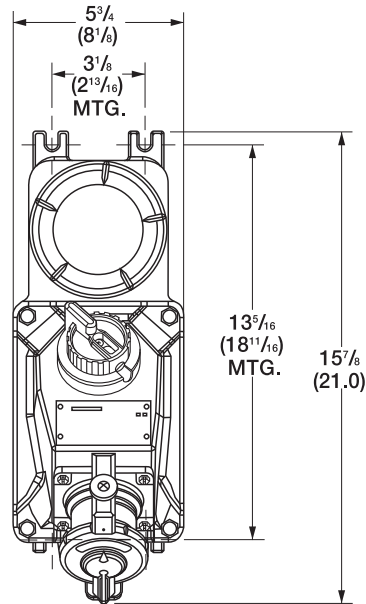
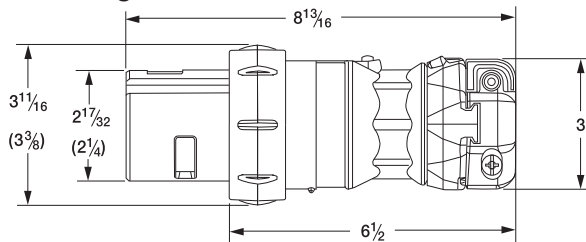
MODIFICATIONS*	
CATALOG NUMBER	DESCRIPTION
S37	Polarization for receptacles & plugs

DIMENSIONS

30A Plug



60A Plug



Dimensions shown are in inches for 30 AMP. 60 AMP Dimensions in ().



CONNECTIVITY

VERSAMATE® SERIES

VBQ CIRCUIT BREAKER PROTECTED RECEPTACLES



Plug



Class I, Div. 1 & 2, Groups B, C, D
Class I, Zones 1 & 2, Groups IIB+H2, IIA
Class II, Div. 1 & 2, Groups F & G
Class III
Type 3, 4, 4X

 File No. E184637

FEATURES-SPECIFICATIONS

Features

- Type 4X with receptacle lid turned shut or with plug locking ring tightened
- Plug held in place when switch is “Off” for convenience. Pull button operated release mechanism. Plug does not have to be twisted to operate switch
- Dead-front construction when receptacle is off. Switch cannot be turned “ON” without fully inserted plug. Plug cannot be removed with switch in “ON” position
- Receptacle assembly is field replaceable for maintenance.
- Ductile Mounting Lugs to adjust to uneven surfaces
- Quick Release Cover Bolts with Triple Leads – only 3-1/2 turns to disengage
- Visible “ON” external Breaker Handle has provisions for locking “ON” or “OFF” with up to three Padlocks
- Internal Lock-Off provision for maintenance when no hazardous materials are present
- UL 1686-C1 Intermateable with similar competitive products, including classified / certified for use with Crouse-Hinds® Arkrite® and Appleton® Powertite® devices.

Materials

- Copper-free construction with 316 grade Stainless Steel External Hardware
- Electrostatically applied polyester/epoxy finish

Electrical Ratings

- Amperage = 30A, 60A, 100A
- Voltage = Up to 600VAC, 250VDC
- Frequency = 50/60 Hz
- GFCI = 5mA Trip Setting

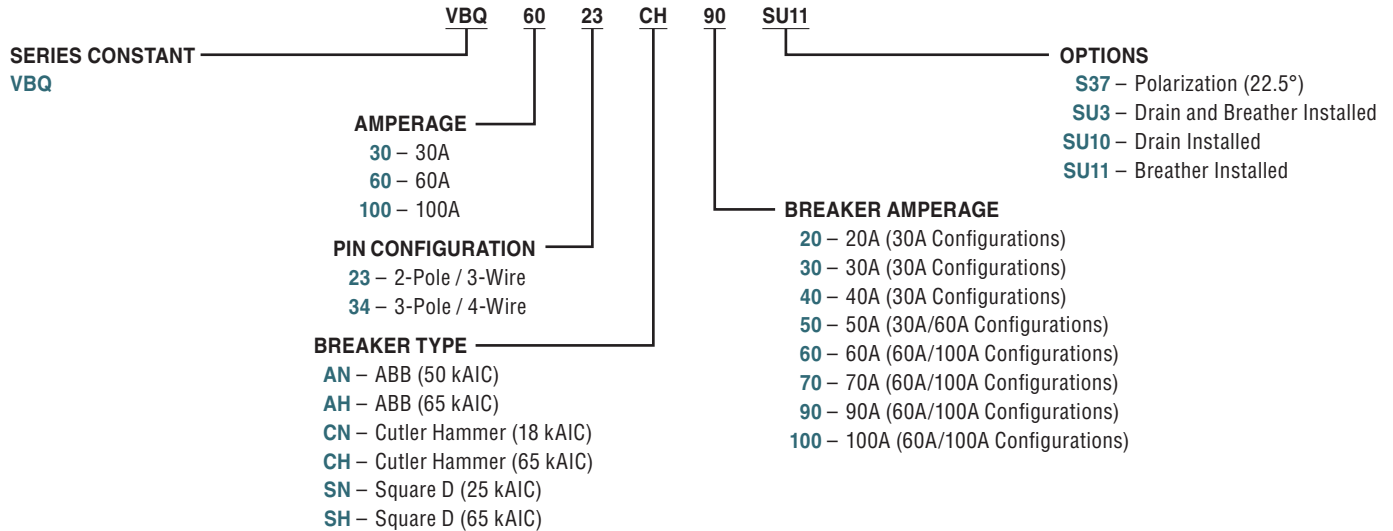
Arkrite® is a registered trademark of Crouse-Hinds®.

Powertite® is a registered trademark of Appleton Electric Company®.

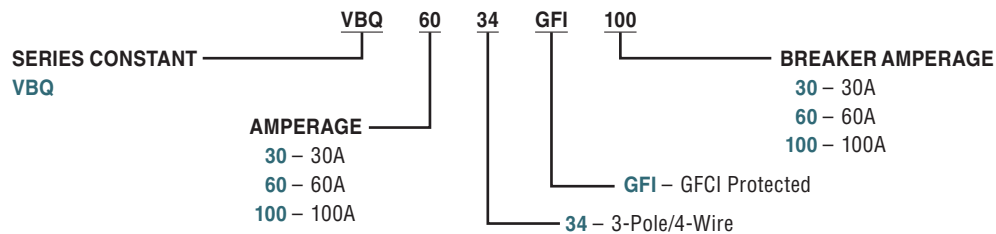


VBQ CIRCUIT BREAKER PROTECTED RECEPTACLES - CATALOG LOGIC

VBQ RECEPTACLES



VBQ GFCI PROTECTED RECEPTACLE





CONNECTIVITY

VERSAMATE® SERIES

VBQ CIRCUIT BREAKER PROTECTED RECEPTACLES

VBQ RECEPTACLES							
RECEPTACLE	CIRCUIT	BREAKER	CATALOG NUMBER				
			SQUARE D		CUTLER-HAMMER		PLUG
			BDL SERIES	BGL SERIES	EHD SERIES	FD SERIES	
30	2P3W	20	VBQ3023SN20	VBQ3023SH20	VBQ3023CN20	VBQ3023CH20	VP3023
		30	VBQ3023SN30	VBQ3023SH30	VBQ3023CN30	VBQ3023CH30	
		40	VBQ3023SN40	VBQ3023SH40	VBQ3023CN40	VBQ3023CH40	
		50	VBQ3023SN50	VBQ3023SH50	VBQ3023CN50	VBQ3023CH50	
	3P4W	20	VBQ3034SN20	VBQ3034SH20	VBQ3034CN20	VBQ3034CH20	VP3034
		30	VBQ3034SN30	VBQ3034SH30	VBQ3034CN30	VBQ3034CH30	
		40	VBQ3034SN40	VBQ3034SH40	VBQ3034CN40	VBQ3034CH40	
		50	VBQ3034SN50	VBQ3034SH50	VBQ3034CN50	VBQ3034CH50	
60	2P3W	50	VBQ6023SN50	VBQ6023SH50	VBQ6023CN50	VBQ6023CH50	VP6023
		60	VBQ6023SN60	VBQ6023SH60	VBQ6023CN60	VBQ6023CH60	
		70	VBQ6023SN70	VBQ6023SH70	VBQ6023CN70	VBQ6023CH70	
		90	VBQ6023SN90	VBQ6023SH90	VBQ6023CN90	VBQ6023CH90	
	3P4W	50	VBQ6034SN50	VBQ6034SH50	VBQ6034CN50	VBQ6034CH50	VP6034
		60	VBQ6034SN60	VBQ6034SH60	VBQ6034CN60	VBQ6034CH60	
		70	VBQ6034SN70	VBQ6034SH70	VBQ6034CN70	VBQ6034CH70	
		90	VBQ6034SN90	VBQ6034SH90	VBQ6034CN90	VBQ6034CH90	
100	2P3W	100	VBQ6034SN100	VBQ6034SH100	VBQ6034CN100	VBQ6034CH100	VP6034
		50	VBQ1023SN50	VBQ1023SH50	VBQ1023CN50	VBQ1023CH50	VP1023
		70	VBQ1023SN70	VBQ1023SH70	VBQ1023CN70	VBQ1023CH70	
		90	VBQ1023SN90	VBQ1023SH90	VBQ1023CN90	VBQ1023CH90	
	3P4W	100	VBQ1023SN100	VBQ1023SH100	VBQ1023CN100	VBQ1023CH100	VP1034
		50	VBQ1034SN50	VBQ1034SH50	VBQ1034CN50	VBQ1034CH50	
		70	VBQ1034SN70	VBQ1034SH70	VBQ1034CN70	VBQ1034CH70	
		90	VBQ1034SN90	VBQ1034SH90	VBQ1034CN90	VBQ1034CH90	
		100	VBQ1034SN100	VBQ1034SH100	VBQ1034CN100	VBQ1034CH100	

VBQ GFCI RECEPTACLES		
RECEPTACLE	CIRCUIT	CATALOG NUMBER
30A	3P4W	VBQ3034GFI30
60A	3P4W	VBQ6034GFI60
100A	3P4W	VBQ1034GFI100

CIRCUIT BREAKER INTERRUPTING RATINGS (kAIC)	208/240 VAC	480 VAC	600 VAC	250 VDC†
ABB XT1N	50	25	—	—
ABB XT2N	65	25	18	—
Cutler-Hammer EHD	18	14	—	10
Cutler-Hammer FD	65	25	18	10
Square D BDL	25	18	14	20
Square D BGL	65	35	18	20

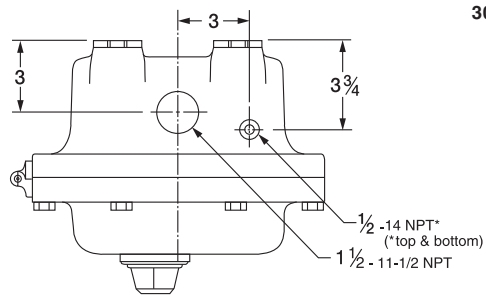
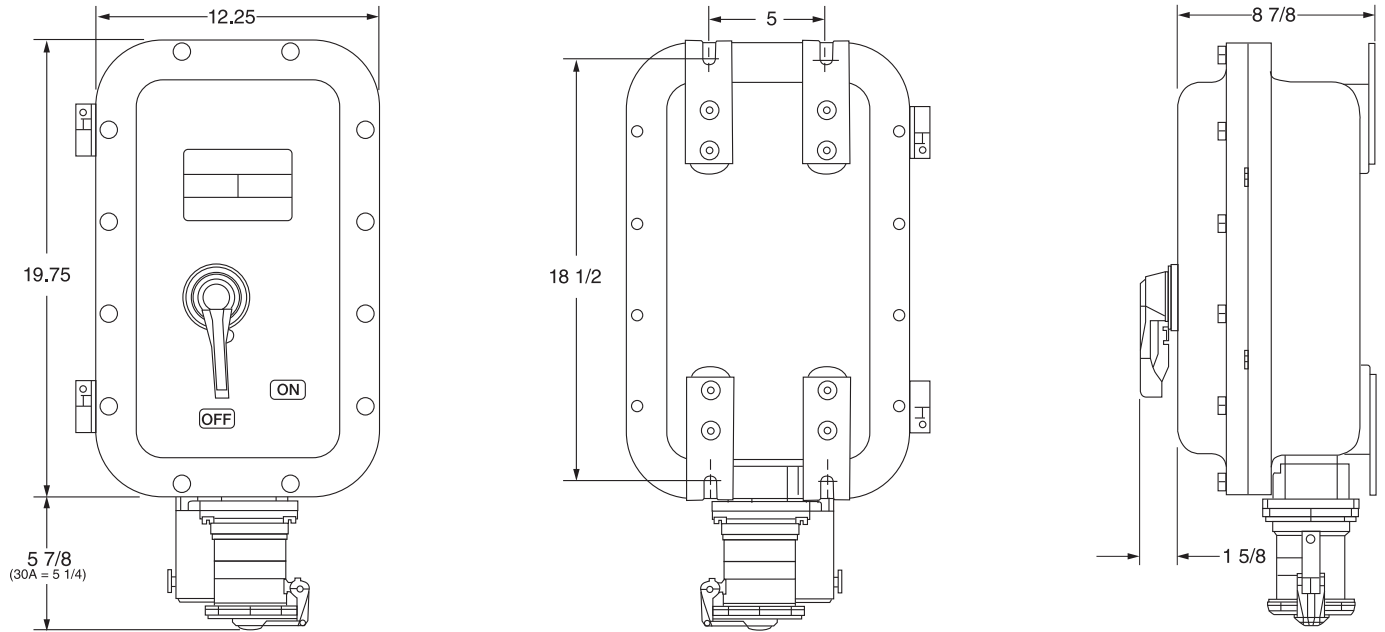
CIRCUIT BREAKER	WIRE RANGE
ABB	Up to 30A = #14-4 AWG (Cu); 35-100 Amp = #14-1/0 AWG (Cu)
Cutler-Hammer	Up to 20A = #14-10 AWG (Cu); 30-100 Amp = #14-1/0 AWG (Cu)
Square D	Up to 30A = #14-4 AWG (Cu); 35-100 Amp = #14-1/0 AWG (Cu)

REPLACEMENT PARTS	
CATALOG NUMBER	DESCRIPTION
VBQ-HANDLEASSEMBLY	External circuit breaker handle kit
VBQRA3023	30A 2-Pole / 3-Wire Replacement Receptacle Assembly
VBQRA3034	30A 3-Pole / 4-Wire Replacement Receptacle Assembly
VBQRA6023	60A 2-Pole / 3-Wire Replacement Receptacle Assembly
VBQRA6034	60A 3-Pole / 4-Wire Replacement Receptacle Assembly
VBQRA1023	100A 2-Pole / 3-Wire Replacement Receptacle Assembly
VBQRA1034	100A 3-Pole / 4-Wire Replacement Receptacle Assembly

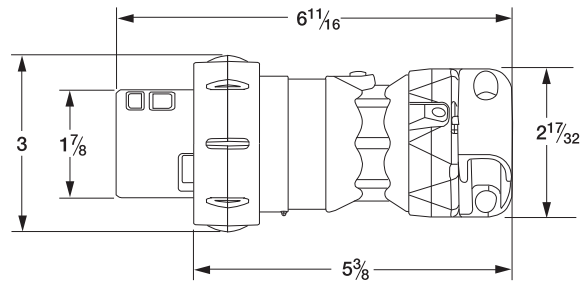


VBQ CIRCUIT BREAKER PROTECTED RECEPTACLES

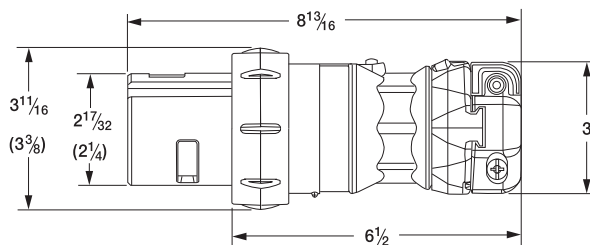
DIMENSIONS



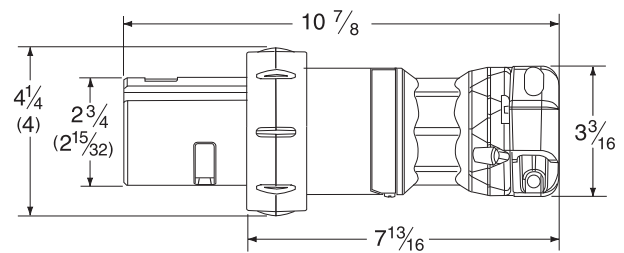
30A Plug



60A Plug



100A Plug





CONNECTIVITY

VERSAMATE® SERIES

VSI NON-METALLIC PLUGS AND SWITCHED RECEPTACLES

VersaMATE®



Class I, Div. 2, Groups A, B, C, D
Class I, Zones 1 & 2, Groups IIC, IIB, IIA
AEx de IIC T6
Class II, Div. 1 & 2, Groups E, F, G
Class III
Type 3, 4, 4X, IP66



File 3014299



Certified - File LR240743

FEATURES-SPECIFICATIONS

Features

- Color coding and pin configuration makes it physically impossible to mate plugs and receptacles of different voltages and current ratings
- Interlocked switch mechanism prevents accidental removal of plug from receptacle under load
- Horsepower rated disconnect switch
- Dust caps* included with 20A and 30A plugs as standard
- No seal required within Class I, Division 2 applications.
- Provision for up to two optional auxiliary contact blocks, useful for signaling circuits or starter coils.
- Horsepower rated disconnect switch includes 1 auxiliary contact (late make, early break) for signaling circuits.

Materials

- Housing = Non-Metallic Polyamide
- Hardware = Stainless Steel

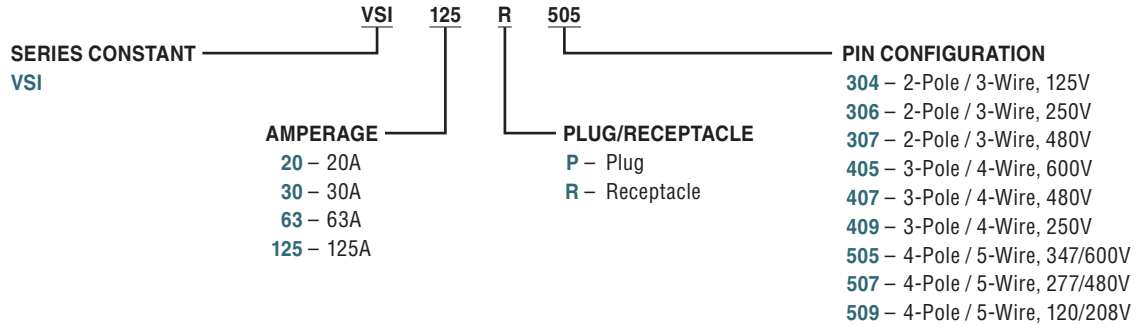
Electrical Ratings

- Amperage = 20 / 30 / 63 / 125A
- Voltage = Up to 600VAC
- Frequency = 50/60 Hz

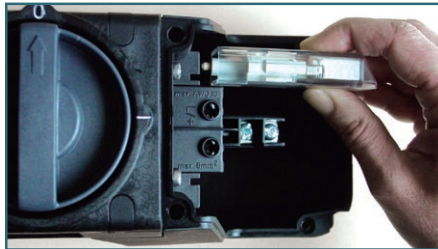


VSI NON-METALLIC PLUGS AND SWITCHED RECEPTACLES

VBQ RECEPTACLES



VSI SERIES PLUGS & SWITCHED RECEPTACLES					
DESCRIPTION		CATALOG NUMBER			
	AC VOLTAGE AND COLOR CODE	20 AMP		30 AMP	
		RECEPTACLE	PLUG	RECEPTACLE	PLUG
2 Pole 3 Wire	125 Yellow	VSI20R304	VSI20P304	—	—
	250 Blue	VSI20R306	VSI20P306	—	—
	480 Red	VSI20R307	VSI20P307	—	—
3 Pole 4 Wire	3 Ø 250 Blue	VSI20R409	VSI20P409	VSI30R409	VSI30P409
	3 Ø 480 Red	VSI20R407	VSI20P407	VSI30R407	VSI30P407
	3 Ø 600 Black	VSI20R405	VSI20P405	VSI30R405	VSI30P405
4 Pole 5 Wire	3 ØY 120/208 Blue	VSI20R509	VSI20P509	VSI30R509	VSI30P509
	3 ØY 277/480 Red	VSI20R507	VSI20P507	VSI30R507	VSI30P507
	3 ØY 347/600 Black	VSI20R505	VSI20P505	VSI30R505	VSI30P505



Snap into side(s) of terminal block

PARTS AND ACCESSORIES	PART NUMBER
Auxiliary Contact Block NC, A600 ①	VSIAUXNC
Auxiliary Contact Block NO, A600 ①	VSIAUXNO

① 10A rating for one auxiliary block; 5A if two are used. Position noted (NC or NO) is when main switch is off.

TECHNICAL DATA				
RECEPTACLE		20 AMP		30 AMP
ENCLOSURE MATERIAL		POLYAMIDE		
AMBIENT TEMPERATURE, TA		-30°C (-22°F) to +55°C (131°F)		
TERMINAL CAPACITY		2 wires, rated 75°C (Ta<45°C) or 90°C (Ta>45°C)		
		16-10 AWG		14-8 AWG
SWITCH RATING	(Horsepower)	1-phase	3-phase	3-phase
	120 VAC	1.5 HP	—	—
	240 VAC	3 HP	5 HP	10 HP
	480 VAC	5 HP	10 HP	20 HP
	600 VAC	—	15 HP	25 HP
LINE SUPPLY FUSE		CLASS J - size per NEC/CEC requirement, upstream ahead of unit		
BOTTOM ENTRY		3/4" NPT		1" NPT

TECHNICAL DATA			
PLUG		20 AMP	30 AMP
ENCLOSURE MATERIAL		POLYAMIDE	
TERMINAL CAPACITY		1 wire, rated 75°C (Ta<45°C) or 90°C (Ta>45°C)	
		16-10 AWG	14-8 AWG
CORD OUTER DIA.		0.3" - 0.8"	0.6" - 1.1"



CONNECTIVITY

VERSAMATE® SERIES

VSI NON-METALLIC PLUGS AND SWITCHED RECEPTACLES

VSI SERIES PLUGS & SWITCHED RECEPTACLES					
DESCRIPTION		CATALOG NUMBER			
	AC VOLTAGE AND COLOR CODE	63 AMP		125 AMP	
		RECEPTACLE	PLUG	RECEPTACLE	PLUG
3 Pole 4 Wire	3 Ø 250 Blue	VSI63R409	VSI63P409	VSI125R409	VSI125P409
	3 Ø 480 Red	VSI63R407	VSI63P407	VSI125R407	VSI125P407
	3 Ø 600 Black	VSI63R405	VSI63P405	VSI125R405	VSI125P405
4 Pole 5 Wire	3 ØY 120/208 Blue	VSI63R509	VSI63P509	VSI125R509	VSI125P509
	3 ØY 277/480 Red	VSI63R507	VSI63P507	VSI125R507	VSI125P507
	3 ØY 347/600 Black	VSI63R505	VSI63P505	VSI125R505	VSI125P505

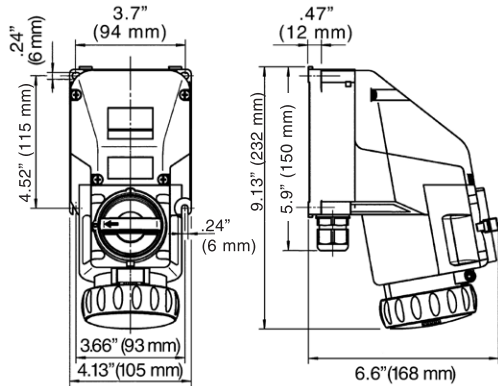
TECHNICAL DATA			
RECEPTACLE		63 AMP	125 AMP
ENCLOSURE MATERIAL		FIBER REINFORCED POLYESTER	
AMBIENT TEMPERATURE, TA		-20°C (-4°F) to +40°C (104°F)	
TERMINAL CAPACITY		2 wires, 90°C rated	
		6-1/0 AWG	1/0-3/0 AWG
SWITCH RATING	(Horsepower)	3-phase	3-phase
	120 VAC	10 HP	20 HP
	240 VAC	20 HP	40 HP
	480 VAC	40 HP	100 HP
	600 VAC	60 HP	125 HP
LINE SUPPLY FUSE		CLASS J - size per NEC/CEC requirement, upstream ahead of unit	
BOTTOM ENTRY		1-1/2" NPT	2" NPT

PLUG DUST CAP	
FOR PLUG TYPE	CATALOG NUMBER
VSI63P4__	VSI63801140
VSI63P5__	VSI63801140

TECHNICAL DATA		
PLUG	63 AMP	125 AMP
ENCLOSURE MATERIAL	POLYAMIDE	
TERMINAL CAPACITY	1 wire, 90°C rated	
	10-4 AWG	6-1/0 AWG
CORD OUTER DIA.	0.94" - 1.4"	1.2" - 2"

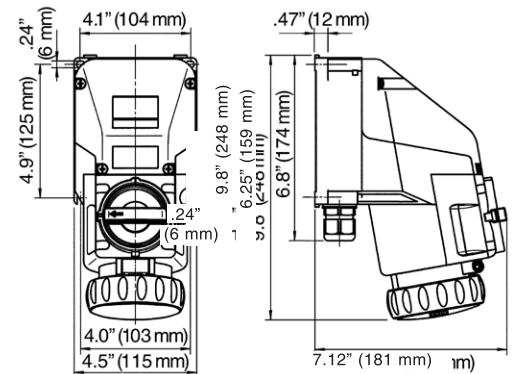


VSI NON-METALLIC PLUGS AND SWITCHED RECEPTACLES

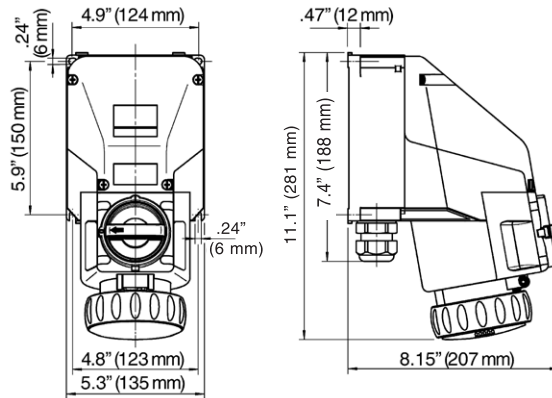


RECEPTACLE 20A
2 POLE - 3 WIRE

PLUG 20A

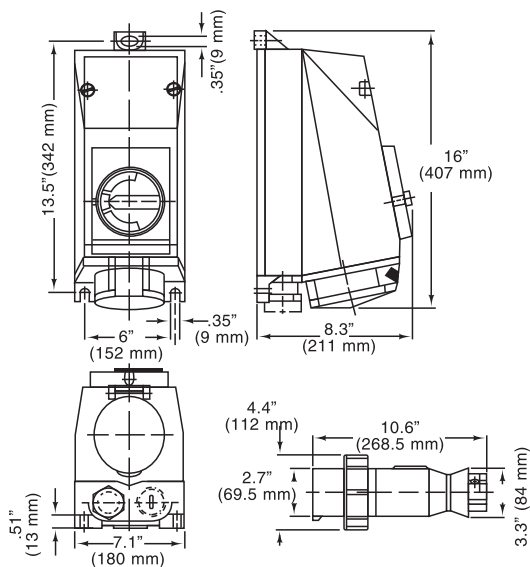


RECEPTACLE 20A
3 POLE - 4 WIRE AND 4 - POLE 5 WIRE

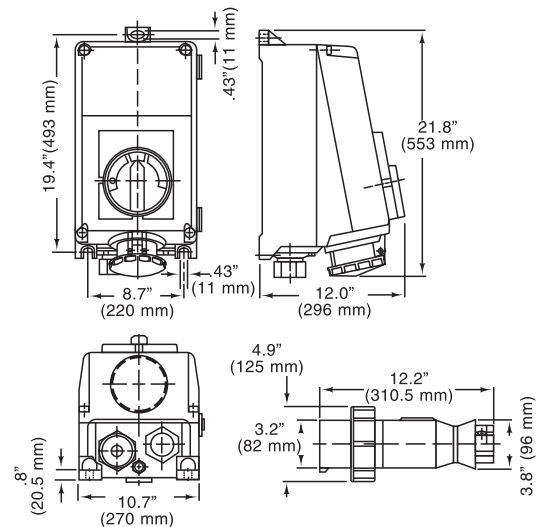


RECEPTACLE 30A
3 POLE - 4 WIRE AND 4 POLE - 5 WIRE

PLUG 30A



RECEPTACLE & PLUG 63A
3 POLE - 4 WIRE AND 4 POLE - 5 WIRE



RECEPTACLE & PLUG 125A
3 POLE - 4 WIRE AND 4 POLE - 5 WIRE



CONNECTIVITY VSIH SERIES

VSIH NON-METALLIC PLUGS AND SWITCHED RECEPTACLES

VersaMATE



IEC-STYLE NON-METALLIC PLUGS AND SOCKETS

 **ATEX Certificate: INERIS 20 ATEX 0022X**

 **Socket: II 2G Ex db eb IIC T3/T4/T5/T6 Gb**

**Plug: II 2G Ex eb IIC T3/T4/T5/T6 Gb
II 2D Ex tb IIIC T800C Db IP 66 Ta= -50°C to +60°C**

IECEx Certificate: IECEx INE 20.0020X

**Socket: Ex db eb IIC T3/T4/T5/T6 Gb
Plug: Ex eb IIC T3/T4/T5/T6 Gb
Ex tb IIIC T800C Db IP 66
Ta= -50°C to +60°C**

FEATURES-SPECIFICATIONS

Features

- Color coding and pin configuration makes it physically impossible to mate plugs and receptacles of different voltages and current ratings.
- Interlocked switch mechanism prevents accidental removal of plug from receptacle under load.
- Explosion Protected Internal Disconnect Switch
- Operating Temperature of -50°C to +60°C
- Earthing Stud and Earthing Plate available for earthing/grounding purposes.
- Provision for up to two optional auxiliary contact blocks, useful for signaling circuits or starter coils.

Materials

- Enclosure = Impact Resistant (7 Joules), Non-Metallic, Anti-Static, Glass-Fibre Reinforced Polyester (GRP)
- Gasket = Silicone
- Pins = Nickel Plated Brass
- Earth Stud = Brass
- Earthing Plate = Brass

Electrical Ratings

Plugs/Sockets

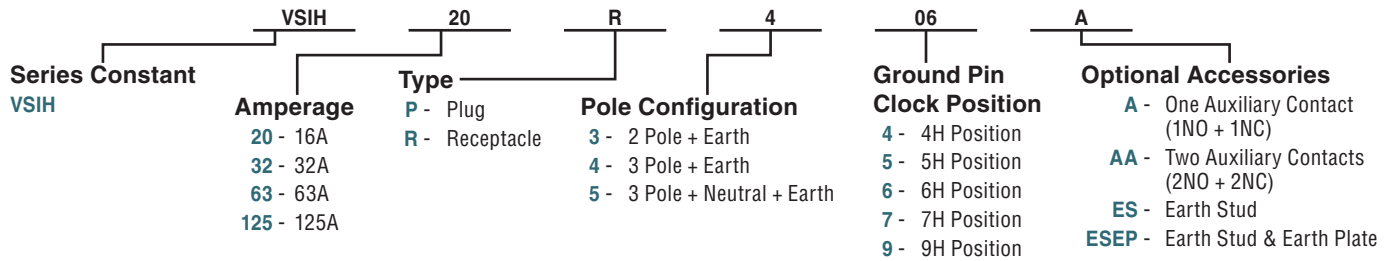
- Amperage Configurations = 16A / 32A / 63A / 125A
- Voltage Configurations = 110VAC -690VAC

Auxiliary Contacts

- Amperage Configurations = 4A Max
- Voltage Configurations = 415VAC Max



CATALOG LOGIC



VSIH SERIES PLUGS & SWITCHED RECEPTACLES

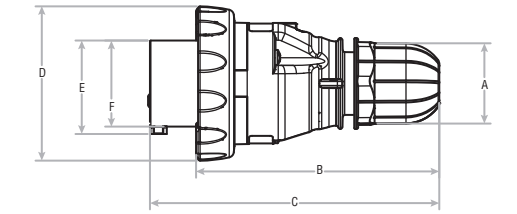
POLE CONFIG.	VOLTAGE	FREQUENCY (HZ)	GROUND POSITION (HR)	COLOR		CATALOG NUMBER							
				16/32/63A	125A	16A		32A		63A		125A	
						PLUG	RECEPT.	PLUG	RECEPT.	PLUG	RECEPT.	PLUG	RECEPT.
2P+E	100-130 VAC	50/60	4	Yellow	—	VSIH20P304	VSIH20R304	VSIH32P304	VSIH32R304	—	—	—	—
	200-250 VAC	50/60	6	Blue	—	VSIH20P306	VSIH20R306	VSIH32P306	VSIH32R306	—	—	—	—
	480-500 VAC	50/60	7	Red	—	VSIH20P307	VSIH20R307	—	—	—	—	—	—
3P+E	200-250 VAC	50/60	9	Blue	Black	VSIH20P409	VSIH20R409	VSIH32P409	VSIH32R409	VSIH63P409	VSIH63R409	VSIH125P409	VSIH125R409
	380-415 VAC	50/60	6	Red	Black	VSIH20P406	VSIH20R406	VSIH32P406	VSIH32R406	VSIH63P406	VSIH63R406	VSIH125P406	VSIH125R406
	480-500 VAC	50/60	7	Red	Black	VSIH20P407	VSIH20R407	VSIH32P407	VSIH32R407	VSIH63P407	VSIH63R407	VSIH125P407	VSIH125R407
	600-690 VAC	50/60	5	Red	Black	VSIH20P405	VSIH20R405	VSIH32P405	VSIH32R405	VSIH63P405	VSIH63R405	VSIH125P405	VSIH125R405
3P+N+E	208-250 VAC	50/60	9	Blue	Black	VSIH20P509	VSIH20R509	VSIH32P509	VSIH32R509	VSIH63P509	VSIH63R509	VSIH125P509	VSIH125R509
	346-415 VAC	50/60	6	Red	Black	VSIH20P506	VSIH20R506	VSIH32P506	VSIH32R506	VSIH63P506	VSIH63R506	VSIH125P506	VSIH125R506
	480-500 VAC	50/60	7	Red	Black	VSIH20P507	VSIH20R507	VSIH32P507	VSIH32R507	VSIH63P507	VSIH63R507	VSIH125P507	VSIH125R507
	600-690 VAC	50/60	5	Red	Black	VSIH20P505	VSIH20R505	VSIH32P505	VSIH32R505	VSIH63P505	VSIH63R505	VSIH125P505	VSIH125R505

VSIH SERIES PLUGS & SWITCHED RECEPTACLES (TECHNICAL DATA)

RECEPTACLE	16A	32A	63A	125A
WIRING TERMINAL CAPACITY (CONDUCTOR CROSS SECTIONAL AREA)	4 mm ² - 10 mm ²	6 mm ² - 10 mm ²	16 mm ² - 25 mm ²	50 mm ² - 70 mm ²
WIRING TERMINAL CAPACITY (TIGHTENING TORQUE)	0.8 N·m	0.8 N·m	2.5 N·m	3.5 N·m
GROUND TERMINAL CAPACITY (CONDUCTOR CROSS SECTIONAL AREA)	10 mm ² (Finely Stranded) 16 mm ² (Solid)	10 mm ² (Finely Stranded) 16 mm ² (Solid)	2.5 mm ² - 35 mm ²	50 mm ² - 70 mm ²
GROUND TERMINAL CAPACITY (TIGHTENING TORQUE)	1.2 N·m	1.2 N·m	3.5 N·m	3.5 N·m
ENTRY SIZE (LOCATION)	1 x M25 (Bottom)	1 x M32 (Bottom)	1 x M40 (Bottom)	1 x M50 (Bottom)
AMBIENT TEMPERATURE	-50°C to +50°C (T6) -50°C to +60°C (T5)	-50°C to +60°C (T4) -50°C to +40°C (T5)	-35°C to +60°C (T3) -35°C to +40°C (T4)	-35°C to +40°C (T4)
AMBIENT TEMPERATURE (W/ OPTIONAL AUXILIARY CONTACTS)	-50°C to +50°C (T6) -50°C to +60°C (T5)	-50°C to +40°C (T5)	-35°C to +40°C (T4)	—
PLUG	16A	32A	63A	125A
WIRING TERMINAL CAPACITY (CONDUCTOR CROSS SECTIONAL AREA)	4 mm ²	6 mm ²	16 mm ²	50 mm ²
WIRING TERMINAL CAPACITY (TIGHTENING TORQUE)	1 N·m	1.5 N·m	2 N·m	4 N·m
CORD DIAMETER	10.9-14 mm (2P+E) 12.1-15.5 mm (3P+E) 13.3-17 mm (3P+N+E)	15.7-20 mm (2P+E) 15.7-20 mm (3P+E) 17.5-22.5 mm (3P+N+E)	19.1 - 31.5 mm	33-40 mm

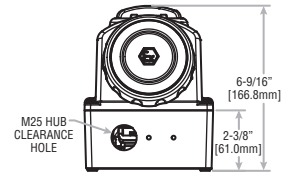
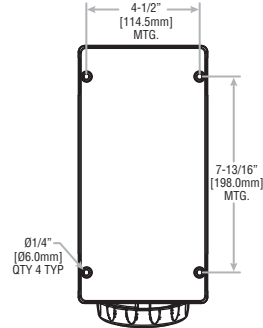
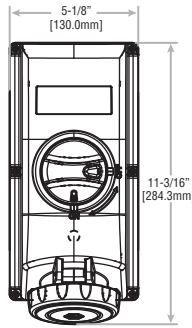


CONNECTIVITY VSIH SERIES

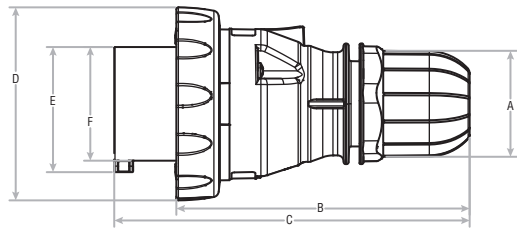


POLE	A	B	C	D	E	F
3P	1-5/8" [40.6mm]	4-13/16" [122.9mm]	5-3/4" [146.2mm]	3-1/16" [78.0mm]	1-7/8" [47.2mm]	1-11/16" [43.5mm]
4P	1-5/8" [40.6mm]	5-1/8" [129.9mm]	6-1/16" [153.2mm]	3-3/8" [85.1mm]	2-1/8" [53.7mm]	1-15/16" [49.3mm]
5P	2-1/8" [53.4mm]	5-3/4" [145.8mm]	6-11/16" [170.1mm]	3-5/8" [92.8mm]	2-3/8" [60.8mm]	2-3/16" [56.0mm]

VSIH 16AMP Plug

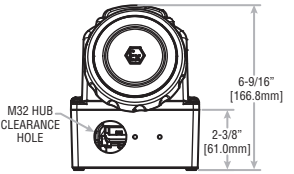
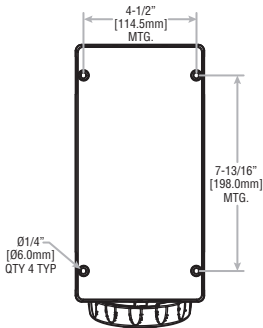
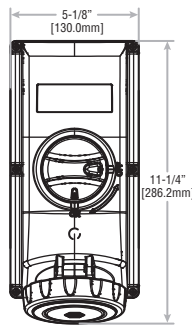


VSIH 16AMP Receptacle

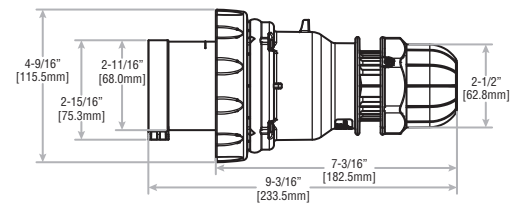


POLE	A	B	C	D	E	F
3/4P	2-1/8" [53.4mm]	5-13/16" [147.8mm]	7-1/16" [179.1mm]	3-13/16" [97.3mm]	2-1/2" [63.1mm]	2-1/4" [57.3mm]
5P	2-3/8" [59.8mm]	6-1/8" [154.8mm]	7-5/16" [186.1mm]	4-1/8" [104.4mm]	2-3/4" [69.7mm]	2-1/2" [63.3mm]

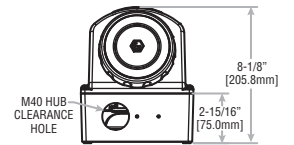
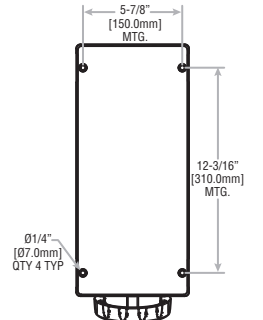
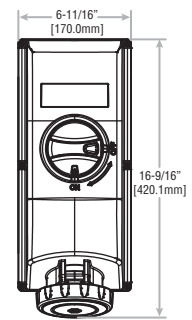
VSIH 32AMP Plug



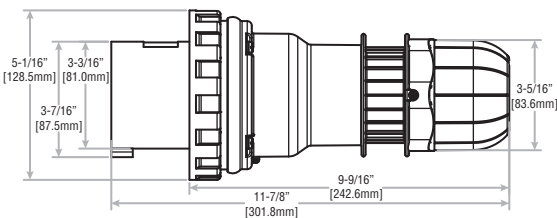
VSIH 32AMP Receptacle



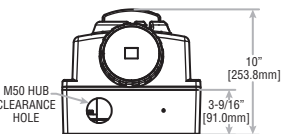
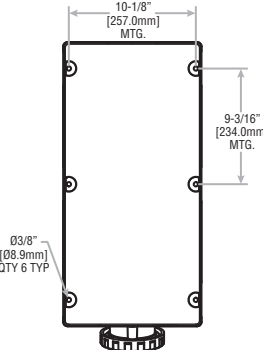
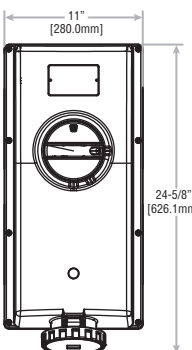
VSIH 63AMP Plug



VSIH 63AMP Receptacle



VSIH 125AMP Plug



VSIH 125AMP Receptacle



HAZARDOUS LOCATION – DELAYED ACTION



Class I, Div. 1 & 2, Groups C, D
Class I, Zones 1 & 2, IIB, IIA

 LISTED E23572

 Certified LR14667 (20A version)

FEATURES-SPECIFICATIONS

Features

- Factory sealed receptacles
- Straight or angle type receptacles
- Delayed action contacts (See Time Delay Inset on next page)
- Plugs with a wide range of grommet openings
- Extra long grounding pole makes contact first and breaks contact last
- Heavy duty construction to withstand rough and constant usage
- Plugs come with soldered terminals as standard.
- Receptacles come factory potted with flying wire leads as standard.
- KRS configurations are rated for Class I Group D only.

Materials

- Copper-free aluminum (less than 4/10 of 1%) alloy resists corrosion
- Electrostatically applied and baked powder epoxy / polyester finish
- Hardware = Stainless Steel

Electrical Ratings

- Amperage = 20 / 30 / 60 A

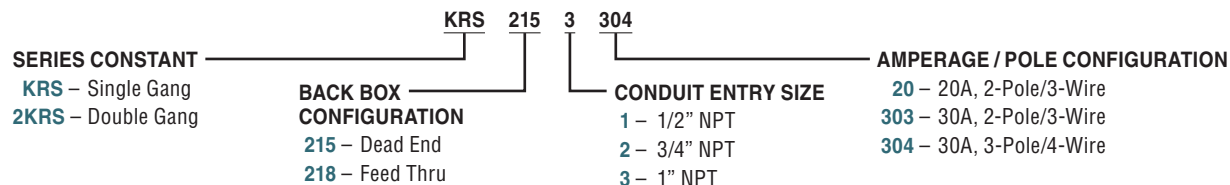
ELECTRICAL RATINGS					
TYPE	AMPERAGE	VOLTAGE VAC	CIRCUIT	H.P.	HERTZ
20 AMP	20	115/230	2W3P	1	60
30 AMP	7	460	2W3P	1/2	60
	7	460	3W4P	1	60
	30	115/230	2W3P	1-1/2	60
	30	115/230	3W4P	3	60
60 AMP	30	460	2W3P	3	60
	30	460	3W4P	5	60
	60	115/230	2W3P	5	60
	60	115/230	3W4P	5	60



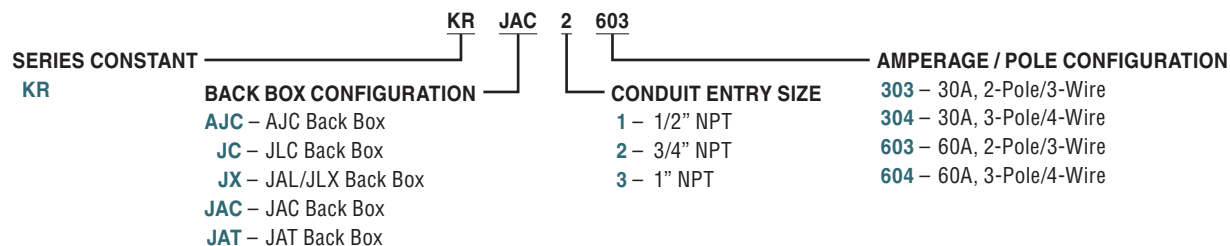
CONNECTIVITY KR SERIES

HAZARDOUS LOCATION – DELAYED ACTION

KR RECEPTACLES (20/30A)



KR RECEPTACLES (30/60A)



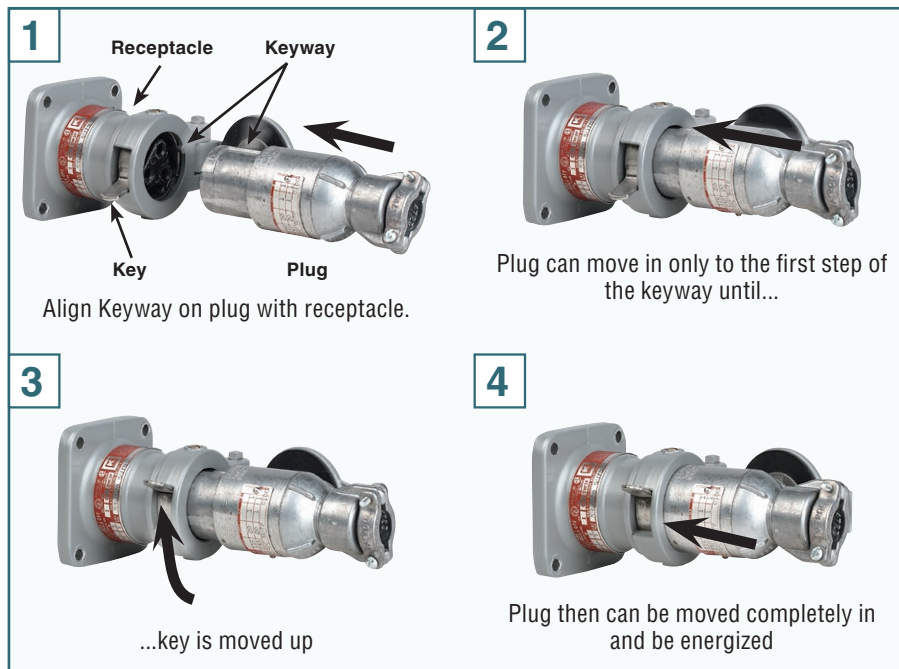
Details of Safety Time Delay Feature

The key slot provided in the receptacle engages the key of the plug permitting entrance of the plug in the receptacle in only one position. See steps 1-4.

The contacts are enclosed in long accurate insulating cavities. It is in these cavities that the arcs are extinguished. All contacts are made through round tellurium copper tubing which is extra heavy to withstand arcing as required on the various ampere ratings.

Both plugs and receptacles are equipped with an extra long grounding pole which establishes grounding before the power contacts are engaged. These grounding poles are also the last to break contact. This assures bonding of the portable device to the electrical conduit system.

Safety Time Delay Feature





20 AMP 115/230 V.A.C • 1Ø 2 WIRE, 3 POLE



KRS Series



KRA

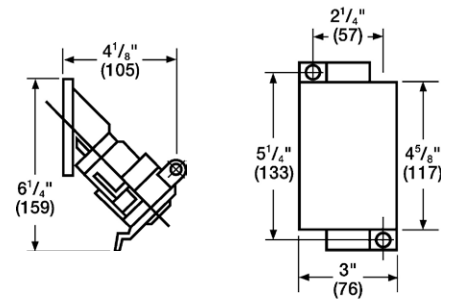


Plug

KRS 20A 1Ø 2W RECEPTACLE WITH SWB BOX^②

HUB SIZE	CATALOG NUMBER							
	SINGLE RECEPTACLE & DEAD END BOX	BOX ONLY	SINGLE RECEPTACLE & FEED-THRU BOX	BOX ONLY	DOUBLE RECEPTACLE & DEAD END BOX	BOX ONLY	DOUBLE RECEPTACLE & FEED-THRU BOX	BOX ONLY
1/2"	KRS-215-120	SWB-1	KRS-218-120	SWB-4	2KRS-215-120	SWB-7	2KRS-218-120	SWB-10
3/4"	KRS-215-220	SWB-2	KRS-218-220	SWB-5	2KRS-215-220	SWB-8	2KRS-218-220	SWB-11
1"	KRS-215-320	SWB-3	KRS-218-320	SWB-6	2KRS-215-320	SWB-9	2KRS-218-320	SWB-12

RECEPTACLE ONLY – CATALOG NUMBER KRS-20



KRS-Series

KRJ RECEPTACLE WITH AJ OR JL BOX

HUB SIZE	CATALOG NUMBER		
	AJC	JLC	JLX
1/2"	—	KRJC-120	KRJX-120
3/4"	KRAJC-220	KRJC-220	KRJX-220
1"	KRAJC-320	—	—

BACK BOX ONLY

1/2"	—	JLC-1	JLX-1
3/4"	AJC-2	JLC-2	JLX-2
1"	AJC-3	—	—

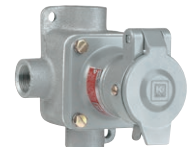
RECEPTACLE ONLY – CATALOG NUMBER KRJ-20



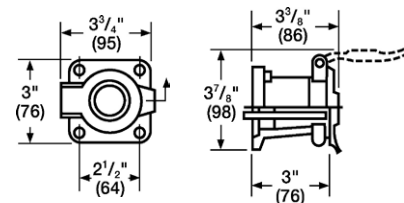
AJC



JLC



JLX



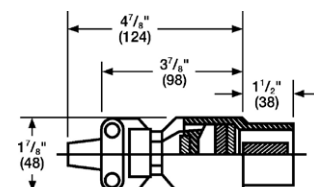
KRJ-Series

ELECTRICAL RATING

CIRCUIT	RATING (60 HERTZ)
1Ø 2W3P	20 AMPS, 115/230 V.A.C., 1 H.P

KP 20 AMP PLUG

CATALOG NO.	DESCRIPTION
KP-20ABC	Plug furnished with 3 grommets range .250 - .625





CONNECTIVITY KR SERIES

30 AMP 115/230 V.A.C. • 7 AMP 460 V.A.C

KRS/KRJ Series Plug



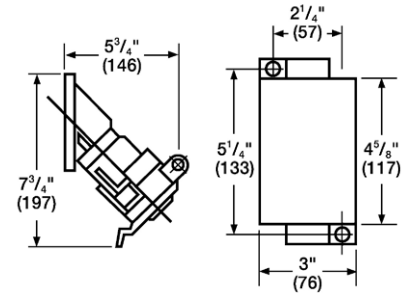
KRS Series

KRA Series

Plug

KRS RECEPTACLE WITH SWB BOX②

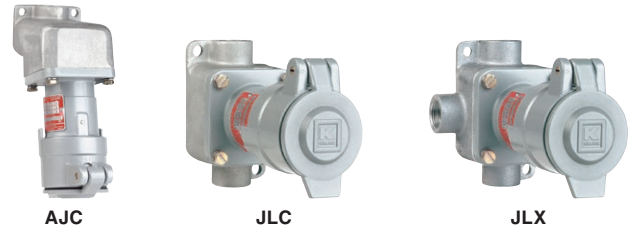
HUB SIZE	CATALOG NUMBER - SINGLE GANG ONLY							
	1Ø, 2-WIRE, 3-POLE DEAD END BOX	BOX ONLY	1Ø, 2-WIRE, 3-POLE FEED THRU BOX	BOX ONLY	3Ø, 3-WIRE, 4-POLE DEAD END BOX	BOX ONLY	3Ø, 3-WIRE, 4-POLE FEED THRU BOX	BOX ONLY
1/2"	KRS-215-1303	SWB-1	KRS-218-1303	SWB-4	KRS-215-1304	SWB-1	KRS-218-1304	SWB-4
3/4"	KRS-215-2303	SWB-2	KRS-218-2303	SWB-5	KRS-215-2304	SWB-2	KRS-218-2304	SWB-5
1"	KRS-215-3303	SWB-3	KRS-218-3303	SWB-6	KRS-215-3304	SWB-3	KRS-218-3304	SWB-6
RECEPTACLE ONLY	KRS-303				KRS-304			



KRS-Series

KRJ RECEPTACLE WITH AJ OR JL BOX

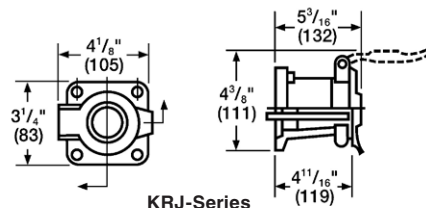
CIRCUIT	HUB SIZE	CATALOG NUMBER		
		AJC	JLC	JLX
1Ø 2-Wire 3-Pole	1/2"	—	KRJJC-1303	KRJX-1303
	3/4"	KRAJC-2303	KRJJC-2303	KRJX-2303
	1"	KRAJC-3303	—	—
RECEPTACLE ONLY – CATALOG NUMBER KRJ-303				
3Ø 3-Wire 4-Pole	1/2"	—	KRJJC-1304	KRJX-1304
	3/4"	KRAJC-2304	KRJJC-2304	KRJX-2304
	1"	KRAJC-3304	—	—
RECEPTACLE ONLY – CATALOG NUMBER KRJ-304				
Back Box Only	1/2"	—	JLC-1	JLX-1
	3/4"	AJC-2	JLC-2	JLX-2
	1"	AJC-3	—	—



AJC

JLC

JLX



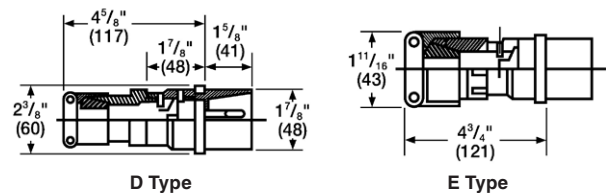
KRJ-Series

ELECTRICAL RATING

CIRCUIT	RATING (60 HERTZ)
1 Ø	7 Amps, 460 V.A.C., 1½ H.P.
2-Wire	— OR —
3-Pole	30 Amps, 115/230 V.A.C., 1-1½ H.P.
3 Ø	7 Amps, 460 V.A.C., 1 H.P.
3-Wire	— OR —
4-Pole	30 Amps, 115/230 V.A.C., 3 H.P.

KP 30 AMP PLUG

CATALOG NUMBER		PLUG TYPE	GROMMET RANGE
1Ø, 2-WIRE, 3-POLE	3Ø, 3-WIRE, 4-POLE		
KP-303D23	KP-304D23	D	.375-.625
KP-303D45	KP-304D45	D	.625-.875
KP-303E45	KP-304E45	E	.875-1.125
KP-303E67	KP-304E67	E	1.125-1.375



D Type

E Type



60 AMP 115/230 V.A.C. • 30 AMP/460 V.A.C.



KRJ Series



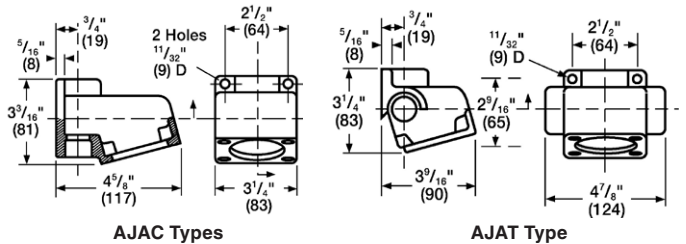
KRA Series



Plug

KR RECEPTACLE ASSEMBLIES

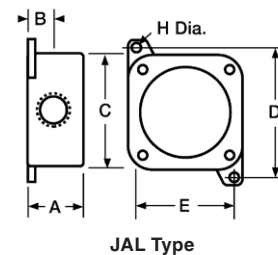
HUB SIZE	BOX STYLE	HUB STYLE	CATALOG NUMBER		
			1Ø, 2-WIRE 3-POLE	3Ø, 3-WIRE 4-POLE	SPLICE BOX ONLY
1"	JAL Series Boxes	"X"-3 Close- up Plugs Supplied	KRJX-3603	KRJX-3604	JALX-3
1-1/4"			KRJX-4603	KRJX-4604	JALX-4
			—	—	—
1-1/4"	AJA Series Boxes	Feed Thru Top and Bottom	KRAJAC-4603	KRAJAC-4604	AJAC-4
1-1/2"			KRAJAC-5603	KRAJAC-5604	AJAC-5
2"			KRAJAC-6603	KRAJAC-6604	AJAC-6
1-1/4"		T Sides and Top	KRAJAT-4603	KRAJAT-4604	AJAT-4
1-1/2"			KRAJAT-5603	KRAJAT-5604	AJAT-5
RECEPTACLE ONLY			KRJ-603	KRJ-604	—

DIMENSIONS-BACK BOXES

ELECTRICAL RATING

CIRCUIT	RATING (60 HERTZ)
1 Ø 2-Wire 3-Pole	30 Amps, 460 V.A.C., 3 H.P. — OR — 60 Amps, 115/230 V.A.C., 3 H.P.
3 Ø 3-Wire 4-Pole	30 Amps, 460 V.A.C., 5 H.P. — OR — 60 Amps, 115/230 V.A.C., 5 H.P.

JAL TYPE MOUNTING BOXES

HUB	A	B	C	D	E	H
1"	2-3/8"	1-5/32"	4-5/8"	5-1/4"	4-1/8"	5/16"
1-1/4"	3-1/8"	1-17/32"	4-5/8"	5-1/4"	4-1/8"	5/16"


KR 60 AMP PLUGS

CATALOG NUMBER		GROMMET RANGE
1Ø, 2-WIRE, 3-POLE	3Ø, 3-WIRE 4-POLE	
KP-603D345	KP-604D345	.500-.875
KP-603E45	KP-604E45	.875-1.125
KP-603E67	KP-604E67	1.125-1.375
—	KP-604F34	1.250-1.500
—	KP-604F56	1.500-1.750

