



UGR / UGP BLADED RECEPTACLES



UGR Receptacle

EXCLUSIVE**QW
QUICK WIRING
PLUG**

UGPQW Plug



Class I, Div. 1 & 2, Groups B^②, C, D
 Class I, Zones 1 & 2, Groups IIB+H₂, IIA
 Class II, Div. 1 & 2, Groups F, G
 Class III
 NEMA 3, 7 (B, C, D), 9 (F, G)

Listed File No. E91049 and/or E53660

Certified File No. LR14667

FEATURES-SPECIFICATIONS**ACCEPTOR®**

The ACCEPTOR® UGP/UGR Plug and Receptacle system, with its unique, patented design, is interchangeable^① with other NEMA bladed type explosion-proof and dust ignition proof devices. The series has been tested and classified for use with Crouse-Hinds® Ark-Gard®2 and Appleton® U-Line® plugs and receptacles in hazardous locations. **Now available in GFCI versions. See pages R21-R22**

How The Acceptor System Works

ACCEPTOR receptacles contain an integral switch which must be closed to energize the circuit. The design permits only an approved plug to be energized. To actuate the switch, the plug must be inserted and rotated clockwise approximately 45°. The plug will lock into this position preventing accidental disengagement. To remove, simply push in then turn the plug counterclockwise and pull straight out.

Plugs and receptacles may be used where interchangeable bladed devices are needed in locations made hazardous by the presence of flammable gases or vapors, combustible dusts or easily ignitable fibers and flyings.

Plug can serve to provide power for portable equipment used in both hazardous and non-hazardous areas.

Applications

- Petroleum Refineries, Chemical Plants
- Wet/Damp/Corrosive Areas
- Grain Elevators/Feed Mills

^① Exact models classified for interchangeability are listed in the information sheet provided with the products. Ark-Gard® is a registered trademark of Crouse-Hinds®. U-Line® is a registered trademark of Appleton Electric Company®.

^② Plugs Rated Group B when used with properly rated & installed receptacles. See next page.

Features

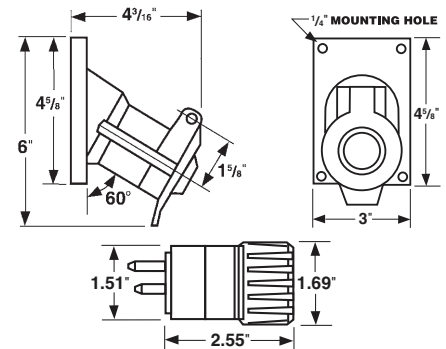
- All external hardware is 316 stainless steel to provide low maintenance and long life
- Factory sealed chamber in UGR receptacle contains switch's arcing components
- No additional external seals are required, except in Group B applications

Quick Wiring Plug

- Single piece shell for fewer parts
- Transparent wiring entrance holes for easy conductor insertion
- Screws tighten from side with "full sized" screwdriver (slot/Phillips)
- Insulator fits "one way"
- Centered cable grip



- Receptacles are U.L. Listed as raintight. Proper sealing against moisture is assured
- Spring loaded receptacle cover closes when plug is removed to provide protection when not in use
- Copper-free aluminum (less than 4/10 of 1%) alloy resists corrosion
- Electrostatically applied and baked powder epoxy/polyester finish

**PLUG**

ACCEPTOR® plugs conform to NEMA configurations and can be used with standard receptacles in non-hazardous areas to maximize equipment utilization. The system's "turn to engage" feature locks in

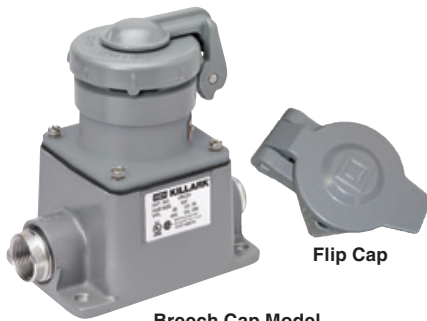
plug and can be used to prevent accidental disengagement of critical equipment.

Plugs for use with type S, SO, ST or STO heavy duty cord.

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



UGRS / UGRGF RECEPTACLES



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
 NEMA 3, 4X

cSP[®] US Certified File No. LR14667③

EXCLUSIVE
ROTATABLE DESIGN

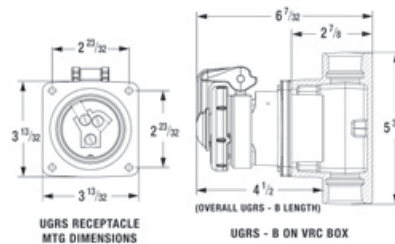
FEATURES-SPECIFICATIONS

ACCEPTOR®

SQUARE RECEPTACLE

UGRS Receptacles utilize VERSAMATE® 30A mounting boxes and are designed to provide **"ROTATABLE" design enables cover hinge location to be in most convenient position for application.** May also be utilized with sheet metal enclosures which contain no arcing devices.

Dimensions



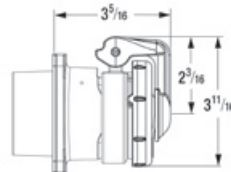
Breach Cap model shown.
 Flip Cap model dimensions are similar

NEMA CONFIGURATION	125V SQUARE RECEPTACLE CAP STYLE	CATALOG NUMBER
20 Amp 125 Volt 2 POLE 3 WIRE 5-20R with T-slots	Breach-Lock with Notch* Flip Lid Type** Killark 125V Plugs*** 20 Amp 15 Amp	UGRS-20231B④ UGRS-20231F UGP-20231QW UGP-15231QW
250V SQUARE RECEPTACLE CAP STYLE		
20 Amp 250 Volt 2 POLE 3 WIRE 6-20R with T-slots	Breach-Lock with Notch* Flip Lid Type** Killark 250V Plugs*** 20 Amp 15 Amp	UGRS-20232B UGRS-20232F UGP-20232QW UGP-15232QW

* Breach cap models N4X with lid closed and turned, N3 When Plug inserted Hinge Up

** Flip Lid models N3 with hinge in UP position with or without plug

*** See R17 for Plug NEMA Diagram and Dimensions



UGRS RECEPTACLE & BACKBOXES①				
	E TYPE ②	C TYPE ②	D TYPE ②	RECEPT ONLY
20A 125V	UGRS-20231BE2	UGRS-20231BC2	UGRS-20231BD2	UGRS-20231B
20A 250V	UGRS-20232BE3	UGRS-20232BC3	UGRS-20232BD3	UGRS-20232B

① Receptacles listed are with Breach cap; for Flip Cover change B to F.

② Boxes listed are for 3/4"; for 1/2" change last digit to 2, for 1" change last digit to 3.

③ cSP[®] US Certified for United States, Canada, and other jurisdictions accepting the mark.

④ 125V 15A only (no T-slot) receptacles are available. See 5-15R Canadian configuration page R16.
 Order numbers UGRS-15231B or UGRS-15231F.



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
 NEMA 3, 7 (C, D) 9 (F, G)

cSP[®] US Certified LR11714
 See files for details or call Killark.

GFI PROTECTED RECEPTACLE

Utilizes FXS GFI and ACCEPTOR® receptacle to interrupt a circuit, when a ground fault is detected on equipment which may be handled by personnel in hazardous locations.

Features

- Factory Sealed
- Test and Reset push buttons are provided on cover assembly, with optional pilot light available④ Unit should be tested monthly
- Includes new GFCI to meet latest UL943 GFCI standards revisions
- Exterior gasket provides NEMA 3 weatherproof protection
- Ground boss for grounding in the splice box
- Color coded wiring and stainless steel cover bolts
- Receptacle used is UGR0-20231. See page R21

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

Electrical Rating

GFI units are rated at 20A, 120 VAC, 60Hz. Class A.

4-6 milliamp trip setting

Trip Time-UL Curve

④ For Red LED pilot light indicator of live circuit, add "PL" to catalog number. Example - UGRGF107-PL.