

# Ark-Gard ENR-GFCI kits

Cl. I, Div. 1 & 2, Groups B<sup>A</sup>, C, D  
Cl. II, Div. 1 & 2, Groups F, G  
Cl. III  
NEMA 3, 7B<sup>A</sup>CD, 9FG, 12

Explosionproof  
Dust-ignitionproof

2P

## Applications:

Ark-Gard ENR-GFCI kits are used:

- To interrupt a circuit when ground fault is detected on equipment which may be handled by personnel in hazardous locations
- With portable electrical equipment, such as tools, lighting systems, compressors and similar devices for personnel protection
- In branch circuits of 15 to 20 amperes at 125 VAC

In applications such as:

- Refineries
- Chemical plants
- LNG facilities
- Wastewater treatment facilities
- Drilling and exploration

## Features:

- Allows for a single part number to be specified, ordered and delivered on-site, significantly reducing the cost of order processing, material handling and misplacement of materials
- Components meet all UL and CSA requirements for ground fault protection in hazardous locations
- Includes all of the value added features of the ENR receptacle
- The GFCI protects personnel against possible injury due to unwanted ground faults; meets requirements for personnel protection as defined in the National Electrical Code
- Field installation is accomplished with standard tools

## Certifications and compliances:

### NEC/CEC listed components:

- Class I, Divisions 1 & 2, Groups B<sup>A</sup>, C, D
- Class II, Divisions 1 & 2, Groups F, G
- Class III

### ANSI/UL standards:

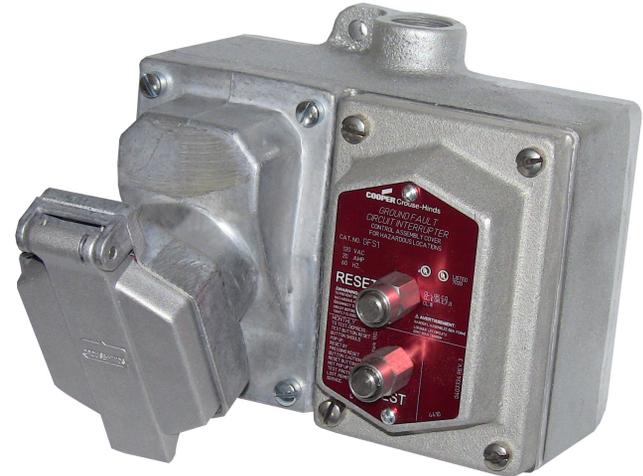
- UL943, UL1203

### NEMA/EEMAC:

- NEMA/EEMAC 3, 7CD, 9FG, 12

### CSA standard:

- C22.2 Nos. 30, 144



## Standard materials:

ENR receptacle:

- Receptacle housing, spring door and plug body – die cast copper-free aluminum
- Interiors – receptacle: Krydon fiberglass-reinforced polyester
- Contacts – receptacle blade: brass; receptacle switch: silver
- Receptacle cover hinge pin and spring – stainless steel
- Receptacle gasket – neoprene
- Back box – Feraloy iron alloy

GFS ground fault circuit interrupter:

- Cover – sand cast copper-free aluminum
- Sealing well – die cast copper-free aluminum
- Pushbuttons and guards – stainless steel
- Shaft seals – neoprene
- Interior – body: polycarbonate; contacts: brass

## Standard finishes:

ENR receptacle:

- Feraloy iron alloy – electrogalvanized and aluminum acrylic paint
- Copper-free aluminum – aluminum acrylic paint
- Brass – natural

GFS ground fault circuit interrupter:

- Copper-free aluminum – aluminum lacquer
- Stainless steel – natural
- Polycarbonate – natural (ivory)
- Brass – natural

## Electrical ratings:

- 15 and 20 amperes, 125 VAC
- 5 milliampere trip setting
- Class A per ANSI/UL943

# Ark-Gard ENR-GFCI kits

Cl. I, Div. 1 & 2, Groups B<sup>Ⓟ</sup>, C, D  
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 Cl. III  
 NEMA 3, 7B<sup>Ⓟ</sup>CD, 9FG, 12

Explosionproof  
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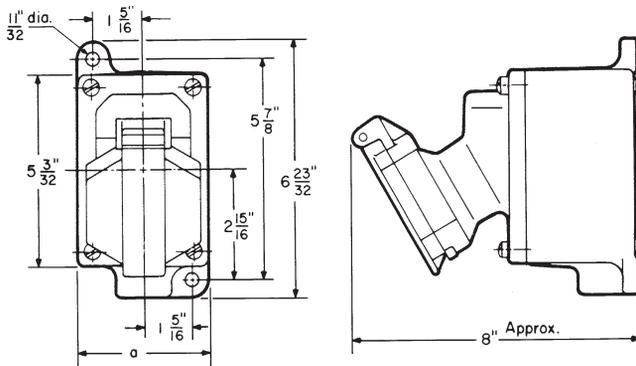
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## Ordering information:



Rating	Description	Hub size	Cat. #	NEMA configuration	Cat. # Plug	NEMA configuration
15A, 125V	Dead end	1/2"	ENR12151 GFI		ENP5151	
		3/4"	ENR22151 GFI			
		1"	ENR32151 GFI			
	Through feed	1/2"	ENRC12151 GFI			
		3/4"	ENRC22151 GFI			
		1"	ENRC32151 GFI			
20A, 125V	Dead end	1/2"	ENR12201 GFI		ENP5201	
		3/4"	ENR22201 GFI			
		1"	ENR32201 GFI			
	Through feed	1/2"	ENRC12201 GFI			
		3/4"	ENRC22201 GFI			
		1"	ENRC32201 GFI			

## Dimensions (in inches):



2P

<sup>Ⓟ</sup> Tested and self-certified by Eaton's Crouse-Hinds Division for Group B.

# Ark-Gard ENRX-GFCI kits

Cl. I, Div. 2, Groups B, C, D  
 Cl. I, Zone 2, IIA, IIB + H<sub>2</sub>  
 Cl. II, Groups E, F, G  
 Cl. III  
 NEMA 4X, IP66

2P

## Applications:

Ark-Gard ENRX-GFCI kits are used:

- To interrupt a circuit when ground fault is detected on equipment which may be handled by personnel in hazardous locations
- With portable electrical equipment, such as tools, lighting systems, compressors and similar devices for personnel protection
- In branch circuits of 15 to 20 amperes at 125 VAC

In applications such as:

- Refineries
- Chemical plants
- LNG facilities
- Wastewater treatment facilities
- Drilling and exploration

## Features:

- Allows for a single part number to be specified, ordered and delivered on-site, significantly reducing the cost of order processing, material handling and misplacement of materials
- Components meet all CSA requirements for ground fault protection in hazardous locations
- Includes all of the value added features of the ENRX receptacle
- The GFCI protects personnel against possible injury due to unwanted ground faults; meets requirements for personnel protection as defined in the National Electrical Code
- Field installation is accomplished with standard tools
- Captive screws are utilized for efficiency and ease of maintenance

## Certifications and compliances:

### NEC/CEC:

- Class I, Division 2, Groups B, C, D
- Class I, Zone 2, IIA, IIB+H<sub>2</sub>
- Class II, Groups E, F, G
- Class III

### UL standards:

- UL508, UL1203, UL121201

### CSA standard:

- CSA C22.2 Nos. 14, 25, 213

### Environmental ratings:

Back box / material	NEMA / IP rating
EDS aluminum	NEMA 4X IP66
EDS iron	NEMA 4

## Electrical ratings:

- 15 and 20 amperes, 125 VAC
- 5 milliamperes trip setting
- Temperature range: -40°C to +55°C (-40°F to +131°F)



## Standard materials:

ENRX receptacle:

- Receptacle housing, spring door and plug body – die cast copper-free aluminum
- Interiors – receptacle: Krydon fiberglass-reinforced polyester; plug: nylon 100
- Contacts – receptacle blade: brass; receptacle switch: silver; plug: brass
- Receptacle cover hinge pin and spring – stainless steel
- Receptacle gasket – neoprene
- Plug bushing – neoprene
- Back box – copper-free aluminum

GFSX ground fault circuit interrupter:

- Cover – sand cast copper-free aluminum
- Sealing well – die cast copper-free aluminum
- Pushbuttons and guards – stainless steel
- Shaft seals – Buna-N Nitrile
- Interior – body: polycarbonate; contacts: brass

## Standard finishes:

ENRX receptacle:

- Copper-free aluminum – aluminum acrylic paint
- Brass – natural

GFSX ground fault circuit interrupter:

- Copper-free aluminum
- Stainless steel – natural
- Polycarbonate – natural (ivory)
- Brass – natural

## Options:

### Description

- Corro-free epoxy powder finish for added corrosion resistance .....

Suffix

**S752**

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# Ark-Gard ENRX-GFCI kits

Cl. I, Div. 2, Groups B, C, D  
 Cl. I, Zone 2, IIA, IIB + H<sub>2</sub>  
 Cl. II, Groups E, F, G  
 Cl. III  
 NEMA 4X, IP66

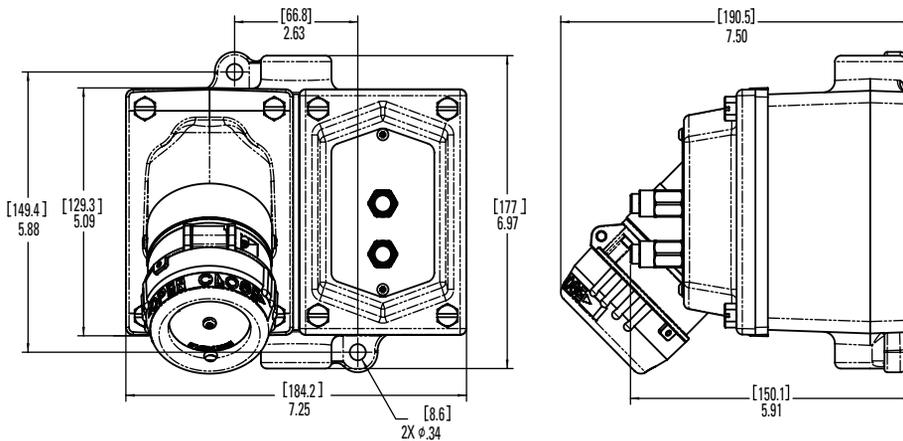
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## Ordering information:



Rating	Description	Hub size	Cat. # <sup>A</sup>	NEMA configuration	Cat. # Plug	NEMA configuration
15A, 125V	Dead end	1/2"	ENRX12151 GFI		ENP5151	
		3/4"	ENRX22151 GFI			
		1"	ENRX32151 GFI			
	Through feed	1/2"	ENRCX12151 GFI			
		3/4"	ENRCX22151 GFI			
		1"	ENRCX32151 GFI			
20A, 125V	Dead end	1/2"	ENRX12201 GFI		ENP5201	
		3/4"	ENRX22201 GFI			
		1"	ENRX32201 GFI			
	Through feed	1/2"	ENRCX12201 GFI			
		3/4"	ENRCX22201 GFI			
		1"	ENRCX32201 GFI			

## Dimensions (in inches):



2P

<sup>A</sup> Consists of: EDS(C) back box as applicable; ENR5151 M4 or ENR5201 M4 as applicable; GFS1 M4.