

GR and GRF Conduit Outlet Boxes

Explosionproof, Dust-Ignitionproof

UNILETS™ for use with Threaded Metal Conduit. Furnished with Internal Ground Screw and O-ring.

NEC/CEC:

Class I, Division 1 and 2, Groups B♦, C, D

Class II, Division 1 and 2, Groups E, F, G

Class III

NEMA 3, 4, 4X ①

Class 1, Zone 1 and 2, IIA, IIB

Applications

- Complies with a wide range of classified area requirements.
- Corrosion-resistant: ideal indoors or out.
- For pulling of wires.
- Connect conduit lengths and change direction of conduit runs.
- Provide access for maintenance.

Features

- GR boxes offers ten hub arrangements.
- GRF boxes have integral mounting flange.
- Malleable iron bodies have high tensile strength, ductility and provides great resistance to corrosion, impact, and shock.
- Accurately tapped, tapered hub threads for tight, rigid joints and ground continuity.
- Furnished with covers.
- General purpose wiring.
- Function as sealing fittings when used with sealing covers (see NEC for restrictions).
- Internally threaded body with externally threaded cover.
- Covers have pry notches for bar or wrench.
- Accommodate sealing, dome, hub and union hub covers, and canopies.
- Standard o-rings provide raintight fit. NEMA 3, 4.
- Internal ground screw standard.
- Smooth, rounded integral bushing in each hub type box protects conductor insulation.

Standard Materials

- Body: malleable iron or copperfree (4/10 of 1% max.) aluminum
- Cover: copperfree (4/10 of 1% max.) aluminum

Standard Finishes

- Malleable iron bodies and covers: triple-coat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Aluminum bodies and covers: epoxy powder coat

Options

- To order body without cover, add suffix **-LC** to catalog number.
- For malleable iron body and cover, add suffix **-M**.

NEC/CEC Certifications and Compliances

- UL Listed: E85310, E10444
- CSA Standard: C22.2 No. 25, C22.2 No. 30
- CSA Certified: 025875



♦ In Class I, Division 1, Group B atmospheres, all conduit runs must have a sealing fitting (not supplied) field-installed adjacent to the enclosure.

① Aluminum body and cover only.

GR and GRF Conduit Outlet Box Covers

Explosionproof, Dust-Ignitionproof

Covers and O-rings Fit Bodies with Corresponding Form Numbers.

NEC/CEC:







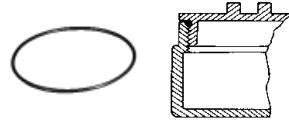

Class I, Division 1 and 2, Groups B ♦, C, D

Class II, Division 1 and 2, Groups E, F, G

Class III

NEMA 3, 4, 4X ①

Class 1, Zone 1 and 2, IIA, IIB

Hub Type		Cover Opening mm (in)	Fixture Stem Size mm (in)	Form Number ②	Catalog Number Malleable Iron	Aluminum			
	Surface	85.9 (3.38)	—	1	GRK-1M	GRK-1			
		100.1 (3.94)	—	2	GRK-2M	GRK-2			
		124.0 (4.88)	—	3	GRK-3M	GRK-3			
	Sealing <i>Class I, Groups C & D</i>	85.9 (3.38)	—	1	GRK-1SC	GRK-1SC-A			
		100.1 (3.94)	—	2	GRK-2SC	GRK-2SC-A			
		124.0 (4.88)	—	3	GRK-3SC	GRK-3SC-A			
	2" Deep Dome <i>UL Listed: E185964</i> 6 Cubic Inches	85.9 (3.38)	—	1	—	GRK-1DC			
	Union Hub	85.9 (3.38)	19.1 (0.75)	1	GRK-75U	GRK-75UA			
	Hub	85.9 (3.38)	12.7 (0.50)	1	GRK-50	GRK-50A			
		85.9 (3.38)	19.1 (0.75)	1	GRK-75	GRK-75A			
	Canopy Length 4-1/2" <i>Class I, Group D</i> 16 Cubic Inches	85.9 (3.38)	12.7 (0.50)	1	GRK-50C	—			
		85.9 (3.38)	19.1 (0.75)	1	GRK-75C	—			
		85.9 (3.38)	25.4 (1.00)	1	GRK-100C	—			
						Catalog Number			
	O-rings — Buna-N								
				1	GRG-1				
				2	GRG-2				
				3	GRG-3				
	GRTB Terminal Strip								
				For use in standard GR series boxes Weidmuller type MK terminal block ③ with wire range of #22-#12 AWG. Mounts on 2 Pre-Drilled and tapped standard holes (furnished in internal GR boxes).					
				6 position terminal block kit	1+2	GRTB6-12			
				6 position terminal block kit	3	GRTB6-3			
				12 position terminal block kit	3	GRTB12-3			

♦ In Class I, Division 1, Group B atmospheres, all conduit runs must have a sealing fitting (not supplied) field-installed adjacent to the enclosure.

① Aluminum body and cover only.

② Form numbers designate cover and matching body sizes.

③ Terminal block is UL listed for 300 Volt, 25 Amp. CSA certified for 300 Volt, 13 Amp.