

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.
- To provide access to conductors for pulling, splicing, maintenance and future changes and upgrades.
- Allows connection of straight conduit runs, branch conduit runs and 90° bends.

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 within 2" 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

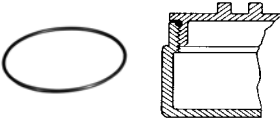
Class II, Division 1 and 2, Groups E, F, G

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 Class I, Groups C & D	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 UL Listed: E185964 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" Class I, Group D 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	—

	O-rings — Buna-N		
	Provide Raintight fit when used on following series: GR (Forms 1, 2 and 3), GRF (Form 1), GRH, and GRU (Form 1).	1	GRG-1
		2	GRG-2
		3	GRG-3
	GRTB Terminal Strip		
	<i>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).</i>		
	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 within 2" 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.