

GR and GRF Conduit Outlet Boxes

Explosionproof, Dust-Ignitionproof

UNILETS® for use with Threaded Metal Conduit. Furnished with Internal Ground Screw and O-Ring.

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

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**.
- PVC coating available on specified products. Add suffix **-PVC** to catalog number. To add PVC coating to items not specified, contact your local sales representative.

Certifications and Compliances

- UL Standard: UL 886 (UL 1203)
- UL Listed: E10444
- CSA Standard: C22.2 No. 25, C22.2 No. 30
- CSA Certified: 013017



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

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Enclosures and Junction Boxes

ENCLOSURES AND JUNCTION BOXES: HAZARDOUS LOCATION CONDUIT OUTLET BOXES

	Hub Type	Conduit Size (Inches)	Cover Opening Inches/Millimeters	Capacity in ³ /dm ³	Form Number ③	Catalog Number ①	
						Malleable Iron ② Body With Aluminum Cover	Aluminum Body with Aluminum Cover
	GRE	1/2	3.38/85.9	18.0/29	1	GRE50	GRE50-A
		3/4	3.38/85.9	18.0/29	1	GRE75	GRE75-A
		1	3.38/85.9	18.0/29	1	GRE100	GRE100-A
		1-1/4	3.94/100.1	31.0/51	2	GRE125	GRE125-A
		1-1/2	4.88/124.0	72.0/1.18	3	GRE150	GRE150-A
	GRC ④	1/2	3.38/85.9	18.0/29	1	GRC50	GRC50-A
		3/4	3.38/85.9	18.0/29	1	GRC75	GRC75-A
		1	3.38/85.9	18.0/29	1	GRC100	GRC100-A
		1-1/4	3.94/100.1	31.0/51	2	GRC125	GRC125-A
		1-1/2	4.88/124.0	72.0/1.18	3	GRC150	GRC150-A
		2	4.88/124.0	76.0/1.25	3	GRC200	GRC200-A
	GRL ④	1/2	3.38/85.9	18.0/29	1	GRL50	GRL50-A
		3/4	3.38/85.9	18.0/29	1	GRL75	GRL75-A
		1	3.38/85.9	18.0/29	1	GRL100	GRL100-A
		1-1/4	3.94/100.1	31.0/51	2	GRL125	GRL125-A
		1-1/2	4.88/124.0	72.0/1.18	3	GRL150	GRL150-A
		2	4.88/124.0	76.0/1.25	3	GRL200	GRL200-A
			GRLB ④	1/2	3.38/85.9	18.0/29	1
3/4	3.38/85.9			18.0/29	1	GRLB75	GRLB75-A
1	3.38/85.9			18.0/29	1	GRLB100	GRLB100-A
1-1/4	3.94/100.1			31.0/51	2	GRLB125	GRLB125-A
1-1/2	4.88/124.0			72.0/1.18	3	GRLB150	GRLB150-A
2	4.88/124.0			76.0/1.25	3	GRLB200	GRLB200-A
	GRN ④			1/2	3.38/85.9	18.0/29	1
		3/4	3.38/85.9	18.0/29	1	GRN75	GRN75-A
		1	3.38/85.9	18.0/29	1	GRN100	GRN100-A
		1-1/4	3.94/100.1	31.0/51	2	GRN125	GRN125-A
		1-1/2	4.88/124.0	72.0/1.18	3	GRN150	GRN150-A
	GRT ④	1/2	3.38/85.9	18.0/29	1	GRT50	GRT50-A
		3/4	3.38/85.9	18.0/29	1	GRT75	GRT75-A
		1	3.38/85.9	18.0/29	1	GRT100	GRT100-A
		1-1/4	3.94/100.1	31.0/51	2	GRT125	GRT125-A
		1-1/2	4.88/124.0	72.0/1.18	3	GRT150	GRT150-A
		2	4.88/124.0	76.0/1.25	3	GRT200	GRT200-A
	GRX ④	1/2	3.38/85.9	18.0/29	1	GRX50	GRX50-A
		3/4	3.38/85.9	18.0/29	1	GRX75	GRX75-A
		1	3.38/85.9	18.0/29	1	GRX100	GRX100-A
		1-1/4	3.94/100.1	31.0/51	2	GRX125	GRX125-A
		1-1/2	4.88/124.0	72.0/1.18	3	GRX150	GRX150-A
		2	4.88/124.0	76.0/1.25	3	GRX200	GRX200-A

♦ 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 Other covers available—see GR and GRF Conduit Outlet Box Covers page. Order separately.

② For malleable iron body and cover, add suffix **-M**.

③ Form number designates body and matching cover sizes. To order body without cover, add suffix **-LC** to catalog number.

④ PVC coating available, add suffix **-PVC** to catalog number.