

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.

GRF Flanged Conduit Outlet Boxes

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

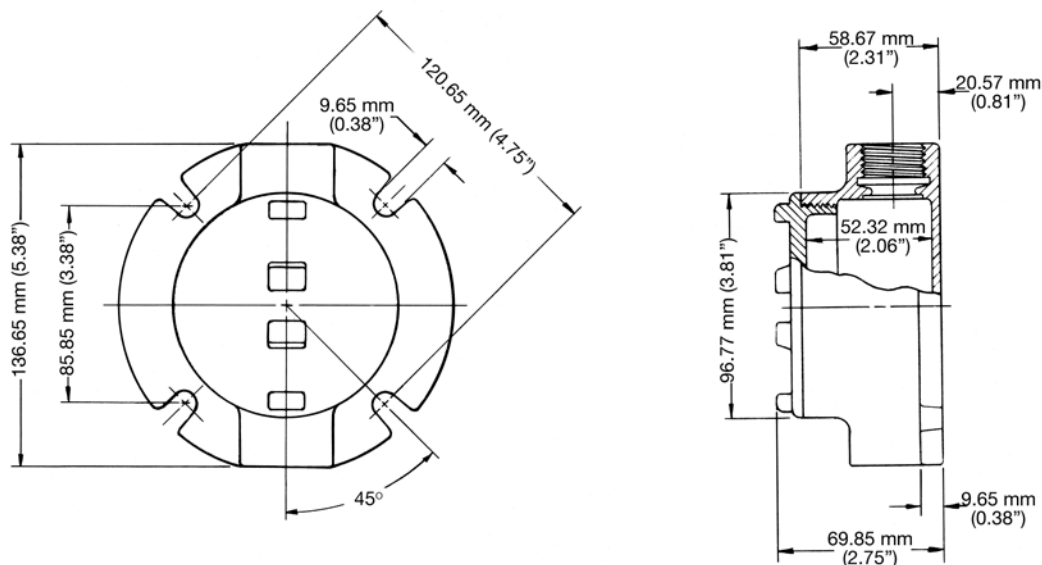
Class III

NEMA 3, 4, 4X ①

Class 1, Zone 1 and 2, IIA, IIB

	Hub Type	Conduit Size (Inches)	Cover Opening mm (in)	Capacity dm³ (in³)	Form Number ④	Catalog Number ②	
						Malleable Iron Body With Aluminum Cover ③	Aluminum Body with Aluminum Cover
	GRFC	1/2	85.9 (3.38)	0.29 (18.0)	1	GRFC50	GRFC50-A
		3/4	85.9 (3.38)	0.29 (18.0)	1	GRFC75	GRFC75-A
		1	85.9 (3.38)	0.29 (18.0)	1	GRFC100	GRFC100-A
	GRFL	1/2	85.9 (3.38)	0.29 (18.0)	1	GRFL50	GRFL50-A
		3/4	85.9 (3.38)	0.29 (18.0)	1	GRFL75	GRFL75-A
		1	85.9 (3.38)	0.29 (18.0)	1	GRFL100	GRFL100-A
	GRFT	1/2	85.9 (3.38)	0.29 (18.0)	1	GRFT50	GRFT50-A
		3/4	85.9 (3.38)	0.29 (18.0)	1	GRFT75	GRFT75-A
		1	85.9 (3.38)	0.29 (18.0)	1	GRFT100	GRFT100-A
	GRFX	1/2	85.9 (3.38)	0.29 (18.0)	1	GRFX50	GRFX50-A
		3/4	85.9 (3.38)	0.29 (18.0)	1	GRFX75	GRFX75-A
		1	85.9 (3.38)	0.29 (18.0)	1	GRFX100	GRFX100-A

Dimensions in Millimeters (Inches)



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

③ For malleable iron body and cover, add suffix **-M**.

④ Form number designates body and matching cover sizes. To order body without cover, add suffix **-LC** to catalog number.

Visit our website at www.appleton.emerson.com or contact us at (800) 621-1506 or +33.3.22.54.27.54.

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