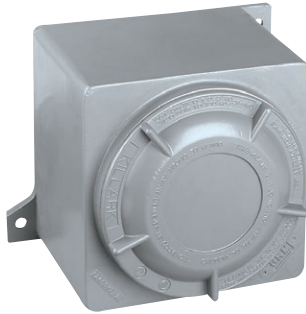
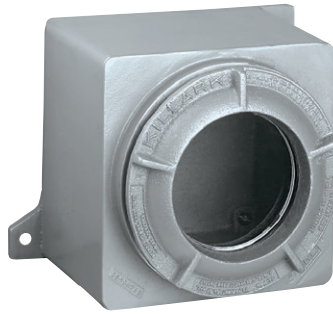


THREADED ENCLOSURES



Box with blank cover



Box with lens cover



Box with dome cover



GR

Empty Enclosures

NEC / CEC Certifications

Class I, Div. 1 & 2, Groups B, C, & D

Class I Zone 1 IIB+H2 Gb

Class II, Div. 1 & 2, Groups E, F, & G

Class III

Type 3, 4, 4X

Ta = -25°C to +40°C (UL)

Ta = -50°C to +40°C (CSA)



File E83969, File E10514



Certificate LR11716 - 1820607



File 2Y4A5.AE

ATEX / IEC Ex Certificate



II 2 G D CE 2813

Ex d IIC Gb T6 or T5

Ex tD A21 T80°C or T90°C

Service Temperature -20°C to +40°C

PTB ATEX1071U

PTB ATEX1072

IECEX PTB 05.0028U

IECEX PTB 05.002

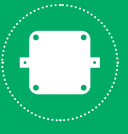
FEATURES-SPECIFICATIONS

Features

- Compact square or rectangular enclosure with threaded screw type cover provide easy access to interior
- Can be shipped in component parts and still maintain third party UL-CSA-FM approvals
- Available in three different cover types: flat blank, lens and dome covers
- Cast mounting lugs are standard on all assemblies
- Available as blank box or can be custom drilled and tapped for conduit openings which may be factory or field installed on the four sides or back wall
- Gaskets are standard on all assemblies and with covers when component part ordering
- Internal ground screw supplied on all boxes
- CEN suffix modification for ATEX/IEC Ex certification includes an external ground screw, cover locking screw, and nameplate displaying certification and area classifications. Feature is only available on complete assemblies and not available when component part ordering.

Materials

- Enclosures:
Copper-free aluminum
(less than 1/100 of 1%)
- Optional Mounting Pans:
Sheet aluminum
- Lens Cover Glass:
Tempered soda lime glass
- Cover Gaskets:
GRB, GRE, GRM, GRK, GRL
70 Durometer NITRILE
GRH, GRHA, GRHC
57 63 Durometer BUNA-N
- Finish: Electrostatically applied gray powder epoxy/polyester on box exterior and cover



THREADED ENCLOSURES



GR COMPONENT PARTS

ENCLOSURE SERIES	CATALOG NUMBER OF COMPONENTS						
	BOX WITHOUT COVER	BLANK COVER	LENS COVER	DOME COVER	GASKET REPLACEMENT	FLAT PAN	DIMENSIONS FOR MTG. PANS
GRB	GRBB	GRB-BC	GL-275	2"- 2GRBD 4"- 4GRBD	GRB-RG	6086PAN	3.4 x 3.5 (86 x 89)
GRE	GREB	GRE-BC	GL-300	—	GRE-RG	6074	4 x 4.5 (102 x 114)
GRM	GRMB	GRM-BC	GL-375	5"- 5GRMD	GRM-RG	6064	5 x 5 (127 x 127)
GRK	GRKB	GRK-BC	GL-537	4"- 4GRKD	GRK-RG	6038	5.5 x 7.5 (140 x 191)
GRL	GRLB	GRL-BC	GL-600	—	GRL-RG	6053	6 x 8.5 (152 x 216)
GRH	GRHB	GRH-BC	GL-775	4"- 4GRHD 8"- 8GRHD	GRH-RG	6058	8 x 9 (203 x 229)
GRHC	GRHCB	GRH-BC	GL-775	4"- 4GRHD 8"- 8GRHD	GRH-RG	6058	
GRHA	GRHAB	GRH-BC	GL-775	4"- 4GRHD 8"- 8GRHD	GRH-RG	6058	

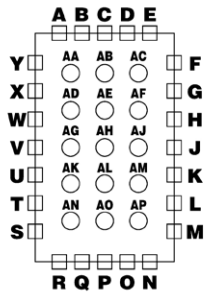
GR MODIFICATIONS

SUFFIX NUMBER	DESCRIPTION
CEN	ATEX and IEC Ex Certifications, IP66
P	Drill, tap and install Mounting Pan
SU-8	Drill and tap only for Mounting Pan
KIT-251	100 amp ground lug
KIT-252	200 amp ground lug
SU3B-QA	cCSAus, ATEX, IEC Ex drain and breather installed Class I Groups C & D and Ex d IIB, Type 4, 4x, IP66
SU3B-4X	UL and CSA drain and breather installed Class I Groups B, Type 4, 4x
SU3B-ATEX	UL CSA, ATEX, IEC Ex drain and breather installed Class I groups B and Ex d IIB, Voids Type 4 and IP66
SU-6	Remove external mounting lugs
SU14	Fungus Proof internally
SU9	Special paint - specify
SU93	Do not paint

EXAMPLE: **GRB-C3-J2-P1=**
 GRB enclosure with 1" NPT top center,
 3/4" NPT right side center,
 1/2" NPT bottom center

Drilled and Tapped Conduit Openings

Boxes are furnished blank for field drilling and tapping of conduit openings. If factory openings are requested submit drawing or select from charts below.



SYMBOL NUMBER

SIZE	SYMBOL
1/2"	1
3/4"	2
1"	3
1-1/4"	4
1-1/2"	5
2"	6
2-1/2"	7
3"	8
3-1/2"	9
4"	10

GR ENCLOSURE VOLUMES

CATALOG NUMBER	VOLUME CU IN (LT)
GRB	45 (0.74)
GRE	105 (1.72)
GRM	180 (2.95)
GRK	305 (5.00)
GRL	405 (6.64)
GRH	615 (10.09)
GRHA	1450 (23.78)
GRHC	985 (16.15)
GRB-275L	40 (0.66)
GRE-300L	95 (1.56)
GRM-375L	170 (2.79)
GRK-537L	280 (4.59)
GRL-600L	380 (6.23)
GRH-775L	570 (9.35)
GRHA-775L	1400 (22.96)
GRHC-775L	940 (15.42)
2GRB	60 (0.98)
4GRB	80 (1.31)
5GRM	250 (4.10)
4GRK	410 (6.72)
4GRH	820 (13.45)
8GRH	1050 (17.22)
4GRHA	1660 (27.22)
8GRHA	1890 (31.00)
4GRHC	1195 (19.60)
8GRHC	1425 (23.37)

Notes: Replacement covers are supplied with the O-ring gasket. For Group B applications all conduit openings must be sealed within 18" (457mm) from the enclosure wall. For ATEX and IEC Ex applications all conduit and gland openings must be sealed immediately to the enclosure wall.