

Cl. I, Div. 1 & 2, Groups B, C, D
 Cl. II, Div. 1, Groups E, F, G
 Cl. II, Div. 2, Groups F, G
 Cl. III
 NEMA 4*, 7BCD, 9EFG
 Ex d IIC T6, IP66†
 Ex d IIC, IP66, ATEX certified

Explosionproof
 Dust-Ignitionproof
 Raintight
 Wet Locations
 Watertight

Applications:

GUE, GUB series junction boxes are used in threaded rigid conduit systems in hazardous areas:

- To function as a splice box, pull box or equipment and device enclosure
- To house wiring
- Indoors and outdoors

Features:

- Threaded construction throughout permits use in hazardous areas
- Bodies have thick walls so they can be factory or field drilled and tapped to meet NEC/CEC requirements for Class I hazardous areas
- Covers are provided with a neoprene "O" ring gasket to meet NEMA/EEMAC 4 requirements for a watertight seal§
- Internal grounding lug provides a means to ground enclosed equipment
- Boxes are machined for field installed mounting plates
- GUB boxes are ATEX certified when ordered with Suffix SA ATEX (not available for GU and GUE)

Certifications and Compliances:

- NEC/CEC:
 Class I, Division 1 & 2, Groups B, C, D
 Class II, Division 1, Groups E, F, G
 Class II, Division 2, Groups F, G
 Class III
- UL Standard: 1203
- CSA Standard: C22.2 No. 30
- ATEX: Ex d IIC, IP66† ATEX Certificate: PTB 01 ATEX 1019 U
- Ex d IIC, IP66, ATEX certified

Standard Materials:

- Bodies – *Feraloy*® iron alloy
- Covers – copper-free aluminum

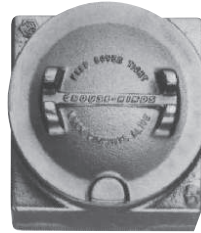
Standard Finishes:

- *Feraloy* iron alloy – GU, GUE, GUB01, GUB02 – electrogalvanized and aluminum acrylic paint. All other boxes – zinc chromate primer and aluminum acrylic paint
- Copper-free aluminum – natural

Options:

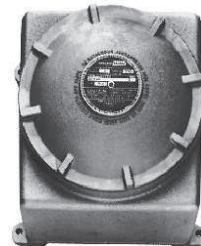
Description	Suffix
• Bodies and covers furnished in copper-free aluminum (not available for GU and GUE).....	SA
• Copper-free aluminum boxes and covers with ATEX certification (not available for GU and GUE)....	SA ATEX
• Factory installed mounting plate for relays, terminal blocks, electrical devices, etc.....	MP
• Factory installed terminal blocks. Information on request	

Junction Boxes Without Hubs‡



GU
 4¹⁵/₁₆" x 4¹⁵/₁₆" x 4¹/₈"
 3⁵/₈" cover opening

GUE
 5⁵/₁₆" x 5⁵/₁₆" x 5³/₈"
 3⁵/₈" cover opening



GUB01
 6¹/₂" x 7" x 5³/₄"
 5⁵/₈" cover opening

GUB02
 8" x 10" x 5⁷/₈"
 7" cover opening

GUB06
 8¹/₂" x 10" x 6⁷/₈"
 7" cover opening



GUB03
 11" x 12" x 8¹³/₁₆"
 9⁵/₈" cover opening

GUB01110*
 14" x 18" x 13¹/₂"
 12¹/₄" cover opening
 19" x 21" x 16⁵/₈"
 16³/₄" cover opening



GUB04
 11" x 12" x 8¹¹/₁₆"
 9⁵/₈" cover opening

GUB08
 8¹/₂" x 10" x 6¹³/₁₆"
 7" cover opening

Ordering Information:

Junction boxes listed can be furnished with drilled and tapped conduit openings, subject to the limitations of maximum opening, number and spacing shown in Tables 1, 2 and 4.

To Order:

Step 1

Select the box required from photos at left and dimensional drawings on next page.

Step 2

Select standard conduit arrangement from Table 1.

Step 3

Determine maximum size conduit opening required from Table 2 (consider conduit opening spacing from Table 4).

Step 4

Select appropriate symbol for required drilled and tapped holes from Table 3.

Example:

Step 1 – box required GUB06
 Step 2 – arrangement 108
 Step 3 – openings – 1¹/₂" at "a" and "c"; 1" at "b" and "d".
 Step 4 – symbols are substituted and written in **clockwise order starting with location "a"**. For this example: FCFC Complete Cat. No. is made up of three parts: Part 1 – box number; Part 2 – arrangement number; Part 3 – symbols for conduit openings. For this example: GUB06-108-FCFC. When no opening is required at a particular location, use symbol "0" (zero).

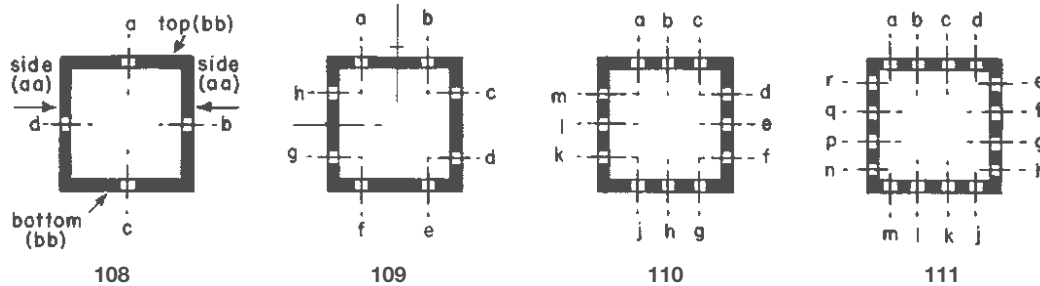
If none of the standard arrangements meet requirements, send a sketch showing junction box number with size and location of each opening desired.

For conduit liner ordering information, see page 822.
 * NEMA 4 not available on GUB01110 and GUB15151.
 † Order suffix SA ATEX. GUB01110 and GUB15151 are rated IP54.
 ‡ Dimensions provided are external.
 §GUB01110 listed for Class I, Div. 1, Groups C & D only in Canada (CSA).

Ordering Information

Table 1

Arrangements of Drilled and Tapped Conduit Openings – For other arrangements, send sketch and complete description



Conduit opening arrangements shown in the illustration should meet the majority of requirements. These GUB junction boxes will be supplied with drilled and tapped openings up to the maximum size and number shown in Table 2.

Table 2

Maximum Size & No. of Drilled & Tapped Holes

Cat. #	Top & Bottom (bb)†				Each Side (aa)†				Back‡			
	1	2	3	4	1	2	3	4	1	2	3	4
Group D*												
GU	1	1			1	1			3	1	3/4	3/4
GUE	2	1			2	1			2	1	3/4	3/4
GUB01	2	1 1/2	3/4		2	1 1/2	1	1/2	1	3/4	3/4	3/4
GUB02	2	2	1	3/4	2	2	1 1/2	1	3/4	3/4	3/4	3/4
GUB06	2	2	1	3/4	2	2	1 1/2	1	2	2	2	2
GUB08	2	2	1	3/4	2	2	1 1/2	1	2	2	2	2
GUB03	2	2	1 1/2	1	2	2	2	1 1/4	4	4	3 1/2	3
GUB04	2	2	1 1/2	1	2	2	2	1 1/4	4	4	3 1/2	3
GUB01110	2	2	2	1 1/2	2	2	2	2	6	6	4	3 1/2
GUB15151	5	4	3 1/2	2 1/2	5	4	4	3	6	6	6	6
Group C▲												
GU	1	1			1	1			3	1	3/4	3/4
GUE	2	1			2	1			2	1	3/4	3/4
GUB01	2	1 1/4	1/2		2	1 1/4	1/2		3/4	3/4	3/4	3/4
GUB02	2	1 1/2	3/4		2	2	1 1/4	1/2	3/4	3/4	3/4	3/4
GUB06	2	1 1/2	3/4		2	2	1 1/4	1/2	2	2	2	1 1/2
GUB08	2	1 1/2	3/4		2	2	1 1/4	1/2	2	2	2	1 1/2
GUB03	2	2	1 1/4	3/4	2	2	1 1/2	1	4	3 1/2	2 1/2	2 1/2
GUB04	2	2	1 1/4	3/4	2	2	1 1/2	1	4	3 1/2	2 1/2	2 1/2
GUB01110	2	2	2	1 1/4	2	2	2	2	6	6	4	3 1/2
GUB15151	5	4	3	2	5	4	3 1/2	2 1/2	6	6	6	5
Group B■												
GU	1	1			1	1			3	1	3/4	3/4
GUE	2	1			2	1			2	1	3/4	3/4
GUB01	2	1 1/4	1/2		2	1 1/4	1/2		3/4	3/4	3/4	3/4
GUB02	2	1 1/2	3/4		2	2	1 1/4	1/2	3/4	3/4	3/4	3/4
GUB06	2	1 1/2	3/4		2	2	1 1/4	1/2	2	2	2	1 1/2
GUB08	2	1 1/2	3/4		2	2	1 1/4	1/2	2	2	2	1 1/2
GUB03	2	2	1 1/4	3/4	2	2	1 1/2	1	4	3 1/2	2 1/2	2 1/2
GUB04	2	2	1 1/4	3/4	2	2	1 1/2	1	4	3 1/2	2 1/2	2 1/2
GUB01110	2	2	2	1 1/4	2	2	2	2	4	4	4	4
GUB15151	4	4	3 1/2	2 1/2	4	4	3 1/2	2 1/2	4	4	4	4

Table 3

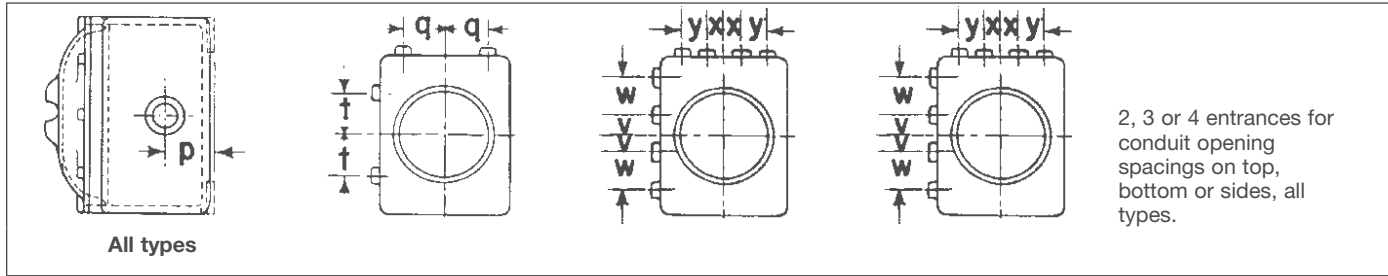
Drilled & Tapped Holes

Size	Symbol
1/2	A
3/4	B
1	C
1 1/4	E
1 1/2	F
2	G
2 1/2	H
3	J
3 1/2	K
4	L
none	0

*Group D chart is based on use of staggered unions. If adjacent unions are desired, additional spacing may be necessary.
 †Sidewall and top and bottom sizes are based on all openings being in line.
 ‡Backwall sizes are based on: two per side – diagonal corners; four per side – one in each corner; three per side – triangular pattern with two on adjacent corners on long wall and third in center of opposite long wall.
 ▲ Conduit seals are required within 1 1/2" of all conduit entrances for Class I, Group C hazardous locations.
 ■ Conduit seals are required within 1 1/2" of all conduit entrances for Class I, Group B hazardous locations.
 For conduit liner ordering information, see page 822.

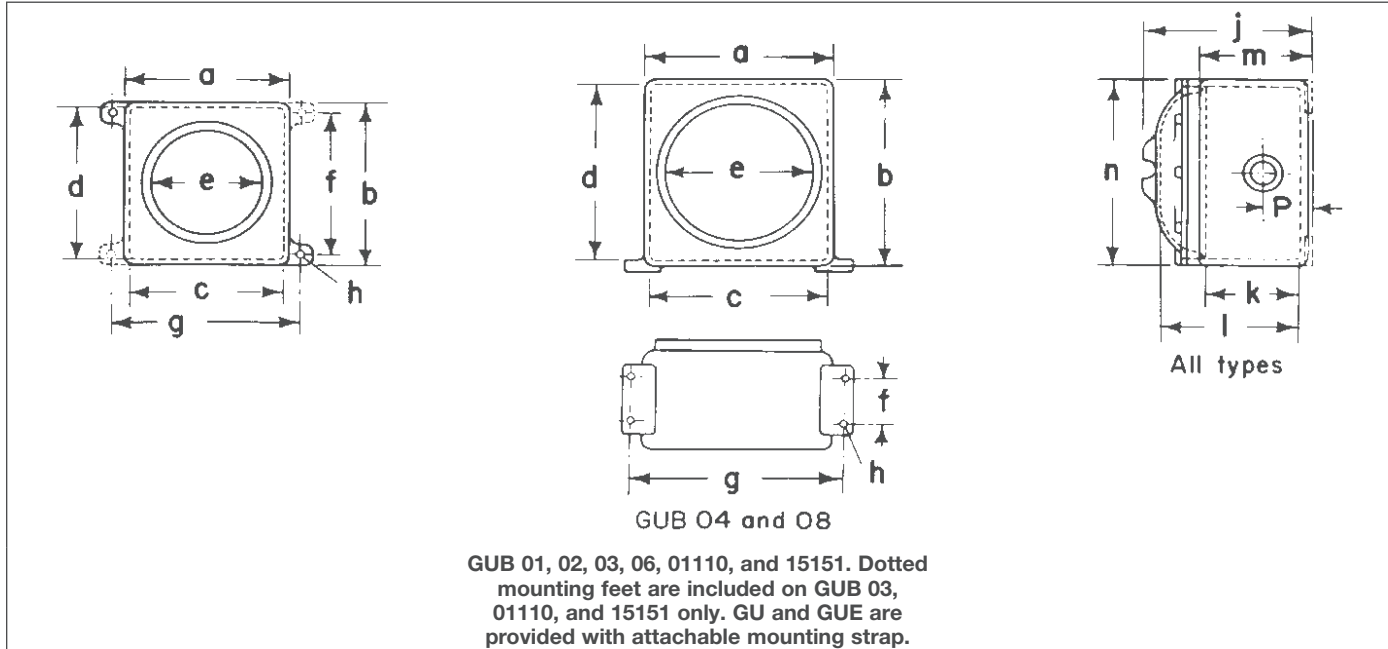
Dimensions

Table 4
Conduit Spacings



Type	p	q	r	s	t	v	w	x	y
GU	1 ³ / ₈	1	—	—	1	—	—	—	—
GUE	1 ⁷ / ₈	1 ¹ / ₈	1 ¹ / ₈	—	1 ¹ / ₈	—	—	—	—
GUB01	2 ¹ / ₁₆	1 ⁵ / ₈	2 ¹ / ₈	2 ¹ / ₈	1 ⁵ / ₈	7 ⁷ / ₈	1 ³ / ₄	2 ⁵ / ₃₂	1 ⁹ / ₁₆
GUB02	2 ¹ / ₁₆	1 ²¹ / ₃₂	2 ¹ / ₁₆	2 ⁵ / ₁₆	1 ²¹ / ₃₂	1 ¹ / ₃₂	2 ¹ / ₁₆	7 ⁷ / ₈	1 ³ / ₄
GUB06	2 ¹ / ₁₆	1 ²¹ / ₃₂	2 ⁵ / ₁₆	2 ⁵ / ₁₆	1 ²¹ / ₃₂	1 ¹ / ₃₂	2 ¹ / ₁₆	7 ⁷ / ₈	1 ³ / ₄
GUB08	2 ¹ / ₁₆	1 ²¹ / ₃₂	2 ¹ / ₁₆	2 ¹ / ₁₆	1 ²¹ / ₃₂	1 ¹ / ₃₂	2 ¹ / ₁₆	7 ⁷ / ₈	1 ³ / ₄
GUB03	3 ³ / ₈	2 ¹ / ₂	3 ⁵ / ₁₆	3 ⁵ / ₁₆	3	1 ¹ / ₃₂	2 ⁵ / ₁₆	1 ¹ / ₃₂	2 ⁵ / ₁₆
GUB04	3 ³ / ₈	1 ²¹ / ₃₂	3 ⁵ / ₁₆	3 ⁵ / ₁₆	3	1 ¹ / ₃₂	2 ⁵ / ₁₆	1 ¹ / ₃₂	2 ⁵ / ₁₆
GUB01110	4 ³ / ₄	3	4	6	4	2	4	1 ²¹ / ₃₂	3 ⁵ / ₁₆
GUB15151	6	4	5 ¹ / ₄	5 ⁷ / ₈	4	2	4	2	4

Dimensions
In Inches:



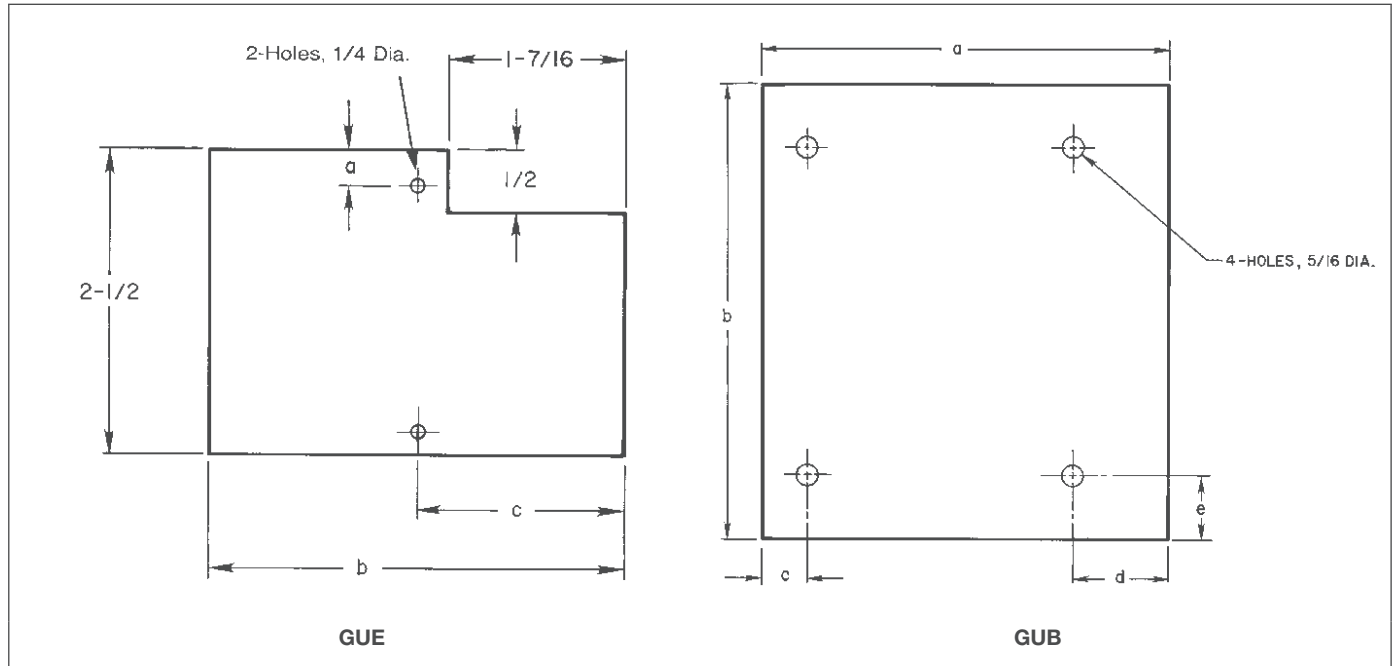
Type	a	b	c‡	d‡	e	f	g	h	j	k‡	l‡	m	n
GU	4 ¹³ / ₁₆	4 ¹⁵ / ₁₆	3 ¹³ / ₁₆	3 ¹³ / ₁₆	3 ⁵ / ₈	—	—	—	4 ¹ / ₈	1 ⁹ / ₁₆	3 ⁷ / ₁₆	2 ³ / ₈	4 ¹ / ₈
GUE	5 ⁵ / ₁₆	5 ⁵ / ₁₆	4 ³ / ₁₆	4 ³ / ₁₆	3 ⁵ / ₈	—	—	—	5 ³ / ₈	2 ¹ / ₄	3 ⁷ / ₁₆	3 ¹ / ₂	4 ¹ / ₈
GUB01	6 ¹ / ₂	7	6 ¹ / ₂	5 ⁷ / ₈	5 ⁵ / ₈	5 ³ / ₄	7 ¹ / ₂	1 ¹³ / ₃₂	5 ¹ / ₄	3 ¹ / ₁₆	4 ¹ / ₂	4 ¹ / ₁₆	6 ¹ / ₄
GUB02	8	10	7 ¹ / ₈	9 ¹ / ₈	7	8 ³ / ₄	9	1 ¹³ / ₃₂	5 ⁷ / ₈	3	4 ⁵ / ₈	4 ¹ / ₁₆	7 ³ / ₄
GUB06	8 ¹ / ₂	10	7 ³ / ₈	8 ³ / ₈	7	8 ³ / ₄	9 ¹ / ₂	7 ⁷ / ₁₆	7 ³ / ₈	4 ¹ / ₄	5 ¹³ / ₁₆	5 ¹ / ₄	7 ³ / ₄
GUB08	8 ¹ / ₂	10	7 ³ / ₈	8 ³ / ₈	7	2 ¹ / ₂	9 ³ / ₈	7 ⁷ / ₁₆	7 ³ / ₈	4 ¹ / ₄	5 ³ / ₁₆	5 ¹ / ₄	7 ³ / ₄
GUB03	11	12	9 ³ / ₄	10 ³ / ₄	9 ⁵ / ₈	10 ³ / ₄	12 ¹ / ₈	7 ⁷ / ₁₆	8 ¹³ / ₁₆	5	7 ⁷ / ₈	6 ³ / ₈	11
GUB04	11	12	9 ³ / ₄	10 ³ / ₄	9 ⁵ / ₈	3 ¹ / ₂	12 ¹ / ₈	7 ⁷ / ₁₆	8 ¹¹ / ₁₆	5	7 ⁷ / ₈	6 ¹ / ₂	11
GUB01110	14 ¹ / ₁₆	18 ⁷ / ₁₆	13	17	12 ¹ / ₄	16	16	1	13 ¹ / ₂	6 ¹³ / ₁₆	10 ³ / ₄	9 ³ / ₄	14
GUB15151	20 ⁷ / ₈	18 ⁷ / ₈	19 ¹ / ₈	17 ¹ / ₈	16 ³ / ₄	18	21	1	16 ⁵ / ₈	9	13 ³ / ₁₆	11 ³ / ₈	18

‡ Inside dimensions.

For conduit liner ordering information, see page 822

Mounting Plate Dimensions

Table 5
Mounting Plate Dimensions



Box Cat. #	Mounting Plate Kit Cat. #	a	b	c	d	e
GU	GU MPK1	9/32	3 3/8	1 49/64	—	—
GUE	GUE MP K1	9/32	3 3/8	1 49/64	—	—
GUB01	GUB MP01	4 3/8	5	3/8	1	1
GUB02	GUB MP02	5 9/16	6 1/4	5/8	1 5/16	7/8
GUB03	GUB MP03	8	9	15/16	1 5/16	1 1/2
GUB04	GUB MP03	8	9	15/16	1 5/16	1 1/2
GUB06	GUB MP02	5 9/16	6 1/4	5/8	1 5/16	7/8
GUB08	GUB MP02	5 9/16	6 1/4	5/8	1 5/16	7/8
GUB01110	GUB MP01110	8 3/4	12	7/16	1 7/16	1 3/4
GUB15151	GUB MP15151	14	14	1 5/8	1 5/8	1 5/8

For conduit liner ordering information, see page 822

1E

Threaded Covers for GUB Junction Boxes

Cl. I, Div. 1 and 2, Groups B‡, C, D
 Cl. II, Div. 1, Groups E, F, G
 Cl. II, Div. 2, Groups F, G
 Cl. III
 NEMA 7B‡CD, 9EFG

Explosionproof
 Dust-Ignitionproof
 Raintight
 Wet Locations
 Watertight

Applications:

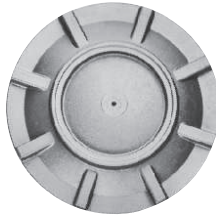
GUB and EPC threaded covers are used with GUB boxes in control systems in hazardous areas:

- Indoors and outdoors
- In three categories:

Flat – for normal use; furnished with standard GUB boxes

Glass window – to provide visibility of meter indications when used to enclose meters

Domed – for increasing volume of GUB to make it easier to splice and pull large conductors



GUB flat cover



GUB glass cover



GUB dome cover

Ordering Information

Body † Size	Flat Cover Cat. #	Glass Window Cover Cat. #	Dome Cover	
			Cat. #	Nominal Depth
GUB01	GUB0101	GUB0110	GUB714	4
			GUB7110	10
GUB02 GUB06 GUB08	GUB0102	GUB0108	GUB726	6
			GUB738	10
			GUB7316	17
GUB03 GUB04	GUB0103	GUB0109	GUB738	10
			GUB7316	17
GUB01110	EPC2110		EPC2115	5
GUB15151	EPC2151			

Specify body and conduit openings in normal manner (see page 687) and state Cat. No. of cover required.

Features:

- Domed – more suitable for use when splices of heavy conductors are made and enclosed, since the conductors may be pulled in with the ends outside the box. After the splices are made, they do not have to be crowded back into the box
- Glass window – has maximum diameter glass to give best visibility. In selecting, the diameter of the meter face should match or be slightly smaller than window diameter

Certifications and Compliances:

- NEC: UL Standard 1203
 GUB0101, -0102, -0103, -714, -7110, EPC2110, EPC2151
 Class I, Division 1 and 2, Groups B, C, D
 Class II, Division 1, Groups E, F, G
 Class II, Division 2, Groups F, G
 Class III

All other covers:

- Class I, Division 1 and 2, Group D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

- CEC: CSA Standard C22.2 No. 30
 Class I, Division 1 and 2, Group D
 Class II, Division 1, Groups E, F, G
 Class II, Division 2, Groups F, G
 Class III

GUB covers are suitable for use in hazardous areas only when used with appropriate GUB series enclosures.

Standard Materials:

- Copper-free aluminum

Standard Finishes:

- Natural

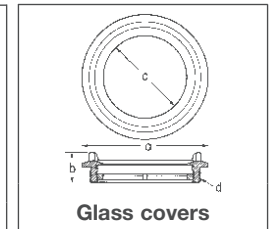
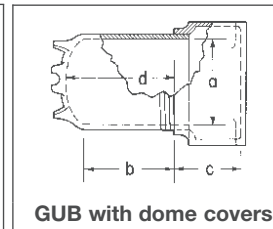
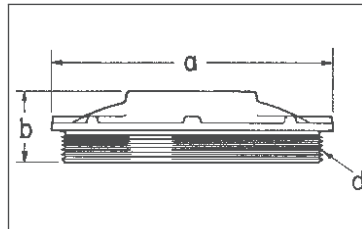
† Bodies are grouped by size of cover opening and take any of the covers shown in the group.

‡ Check certifications and compliances for specific hazardous area ratings for each catalog #.

For conduit liner ordering information, see page 822.

Dimensions

In Inches:



Flat Covers

Cat. #	a	b	Thread Size d
GUB0101	6 ⁵ / ₁₆	1 ²³ / ₃₂	5 ⁵ / ₈ - 12
GUB0102	7 ¹³ / ₁₆	1 ¹⁵ / ₁₆	7 ¹ / ₈ - 12
GUB0103	11 ¹ / ₁₆	2 ⁹ / ₄	9 ³ / ₄ - 8
EPC2110	12 ⁷ / ₈	5 ⁵ / ₃₂	12.660 - 8
EPC2151	17	5 ⁹ / ₁₆	16.910 - 8

Glass Covers

Cat. #	a	b	Window Opening c	Thread Size d
GUB0110	6 ⁵ / ₁₆	1 ¹³ / ₁₆	3 ⁵ / ₈	5 ⁵ / ₈ - 12
GUB0108	7 ¹³ / ₁₆	2 ¹ / ₁₆	4 ³ / ₄	7 ¹ / ₈ - 12
GUB0109	11 ¹ / ₁₆	1 ¹⁵ / ₁₆	6 ¹³ / ₁₆	9 ³ / ₄ - 8

Dome Covers

Cat. #	a	b	For Dimensions C				d
			GUB02	GUB06	GUB08	all others	
GUB714	5 ¹ / ₁₆	2 ³ / ₄				4 ³ / ₁₆	4
GUB7110	5 ¹ / ₁₆	9 ¹ / ₈				4 ³ / ₁₆	10 ³ / ₈
GUB726	6 ³ / ₈	5 ¹ / ₈	4 ¹ / ₈	5 ¹ / ₈	5 ¹ / ₈		6 ³ / ₄
GUB738	8 ⁷ / ₈	8				6 ⁵ / ₈	10 ¹ / ₂
GUB7316	8 ⁷ / ₈	15 ¹ / ₄				6 ⁵ / ₈	17 ³ / ₈
EPC2115	11 ⁹ / ₁₆	3 ⁹ / ₁₆				8 ¹ / ₂	6 ⁹ / ₁₆
EPC21116	11 ⁹ / ₁₆	14 ⁹ / ₁₆				8 ¹ / ₂	17 ⁹ / ₁₆

Cl. I, Div. 1 & 2, Groups B†, C, D
 Cl. II, Div. 1, Groups E, F, G
 Cl. II, Div. 2, Groups F, G
 Cl. III
 NEMA 4, 7B†CD, 9EFG

Explosionproof
 Dust-Ignitionproof
 Raintight
 Wet Locations
 Watertight

Applications:

GUB equipment housings are used in threaded rigid conduit systems in hazardous areas:

- To house relays, contactors, terminal blocks or other equipment and devices
- Indoors or outdoors

Features:

- Supplied with dome cover and adjustable mounting position plate which extends into dome cover
- Mounting plate is adjustable. It may be located in center of cover so small devices can be mounted on both sides of plate or toward either side of dome cover when larger devices are mounted on one side of plate (see dimension "P")

Certifications and Compliances:

- NEC:
 - GUB3100, GUB3177
 - Class I, Division 1 & 2, Group D
 - Class II, Division 1, Groups E, F, G
 - Class II, Division 2, Groups F, G
 - Class III
- GUB1440, GUB1100
 - Class I, Division 1 & 2, Groups B, C, D
 - Class II, Division 1, Groups E, F, G
 - Class II, Division 2, Groups F, G
 - Class III
- UL Standard: 1203
- CSA Standard: C22.2 No. 30

Standard Materials:

- Bodies – *Feraloy*® iron alloy
- Covers – copper-free aluminum
- Mounting plates – sheet steel

Standard Finishes:

- *Feraloy* iron alloy – electrogalvanized and aluminum acrylic paint
- Copper-free aluminum – natural
- Sheet steel – zinc plated

Options:

Description

Material – Bodies, copper-free aluminum

Suffix

SA

Other sizes of boxes and covers available. Information on request



GUB with cover removed showing mounting plate.



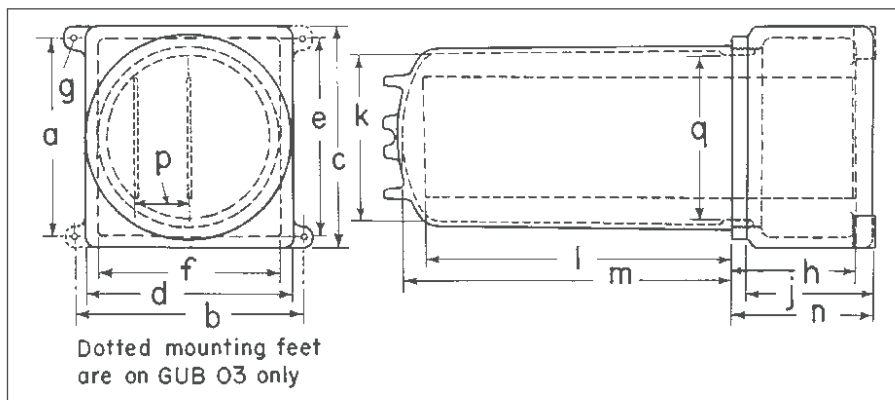
GUB with dome cover.

Ordering Information

Body Size	Nominal Depth of Cover	Dimension		Width of Mounting Plate	Cat. #
		l	m		
GUB01	4	3 ⁵ / ₁₆	4	3 ¹³ / ₁₆	GUB1440 GUB1100
	10	9 ¹³ / ₁₆	10 ⁷ / ₁₆		
GUB03	10	9 ⁹ / ₈	10 ¹ / ₁₆	6 ¹ / ₂	GUB3100 GUB3177
	17	16 ³ / ₈	17 ³ / ₈		

Conduit seals are required within 1/2" of all conduit entrances for Class I, Division 1, Group B hazardous areas. For other sealing requirements consult the National Electrical Code®/Canadian Electrical Code.

Dimensions In Inches:



Body Size	GUB01	GUB03
a	5 ³ / ₄	10 ³ / ₄
b	7 ¹ / ₂	12 ¹ / ₈
c	7	12
d	6 ¹ / ₂	11
e	6 ¹ / ₂	10 ³ / ₄
f	5 ⁷ / ₈	9 ³ / ₄
g	1 ¹³ / ₃₂	7 ¹ / ₁₆
h	4 ³ / ₁₆	6 ⁵ / ₈
j	4	6 ⁵ / ₈
k	5	9 ¹ / ₈
l	see listing	
m	see listing	
n	4 ⁷ / ₈	7 ⁵ / ₈
p	1 ¹ / ₂ max	2 ⁷ / ₈ max
q	5 ¹ / ₁₆	8 ¹ / ₈

For conduit liner ordering information, see page 822.
 †Check Certifications and Compliances for specific hazardous area ratings for each catalog #.

Applications:

GUB IEC ATEX Junction Boxes are used in threaded rigid conduit systems in hazardous areas:

- To function as a splice box, pull box, or equipment and device enclosure
- Indoors and outdoors

Features:

- Threaded construction throughout permits use in hazardous areas
- Bodies have thick walls so they can be factory drilled and tapped to meet IEC requirements for Zone 1, 2, 21, and 22 hazardous areas
- Covers are provided with a neoprene "O" ring gasket to meet NEMA 4 / IP66 requirements for a watertight seal
- Internal grounding lug provides a means to ground enclosed equipment
- Ambient temperature range: -20 to +55°C
- Rated voltage: 690V
- Rated max. current: 250A / in bus-bars 150A-10kA

Certifications & Compliances:

ATEX Certificate: LOM 03ATEX3107U (Empty Enclosures)

- Ex II 2GD Ex d IIC
- Ex tD A21 IP67
- EN60079-0:2006
- EN60079-1:2007
- EN60079-11:2007

ATEX Certificate: LOM 04ATEX2018 (Custom Control Panels)

- Ex II 2 GD EEx d IIC T4...T6 IP67
T(*) °C Ta: -20°C / +55°C
- EN60079-0:2006
- EN60079-1:2007
- EN60079-11:2007

Metallic Enclosures*

Marking to 94/9/CE

- Ex II 2 G - EEx d IIC T6 - T4†
- Ex II 2 D - IP67 T‡

EC - Type Examination Certificate

- LOM 03 ATEX 3107U

Degree of Protection

- acc. EN60529

Rated Voltage

- 690V

Max. Rated Current

- 250A / in bus-bars 150A - 10kA

Material

- Light alloy, grey coating

Standard Materials:

- Bodies - aluminum
- Covers - aluminum

Standard Finish:

- Epoxy powder coat finish is standard inside and outside

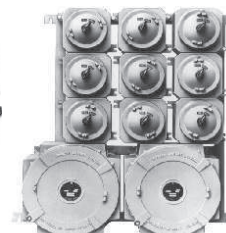
Options:

Description

- Factory installed mounting plate for relays, terminal blocks, electrical devices, etc.
- Factory installed pushbuttons, signal lamps, switchgear, glass windows
- Factory installed terminal blocks



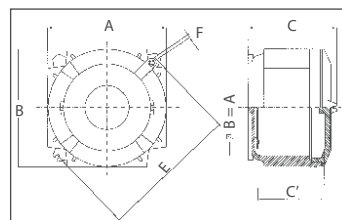
GUB 00



Custom Control Panel

Ordering Information:

Type	Dissipated Power			Rated Current	Cat. No.	Kg	Quantity
	T6	T5	T4	Max.			
GUB 00	60	85	150W	60A	NOR 000 001 160 116	3.20	1
GUB 20	100	145	255W	150A	NOR 000 001 160 124	6.20	1
GUB 30	140	200	360W	250A	NOR 000 001 160 132	10.20	1



Dimensions

In Millimeters:

Type	External			Internal			Mounting	
	A	B	C	A'	B'	C'	E	F
GUB 00	170	170	135	125	125	74	210	9
GUB 20	215	215	195	175	175	139	250	11

Max. Entries per Face

Type	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"
GUB 00	4	3	2	2	2	-	-
GUB 20	6	5	3	2	2	1	1
GUB 30	10	8	5	3	3	2	2

*These enclosures can provide according to LOM 04 ATEX 2018 certification with the following electrical apparatus: Bus-bars, terminals, low voltage transformers, air circuit breakers, automatic circuit breakers, control and operations circuits, servomotors without ventilation, starters and ballasts for discharge lamps, electronic apparatus, associated SI apparatus, etc., according to customer needs.

†According to the mounted equipment.

‡Available upon request.

Applications:

GUBA series junction boxes are used in threaded rigid conduit and cable systems in hazardous areas:

- To function as a splice box, pull box, or equipment device enclosure
- Indoors and outdoors

Features:

- Threaded construction throughout permits use in hazardous areas
- Wide variety of conduit entry arrangements
- Covers are sealed with "O" ring gasket

Certifications & Compliances:

Type of Protection

- Exd

Degree of Protection

- IP66

Gas Group

- IIC

Approvals

- ANZEx05.3043X

Standard Materials:

- Body and cover - cast copper-free aluminum

Standard Finish:

- Natural

Options:

- Cast iron bodies and covers
- Grey polyurethane finish
- Metric, imperial, NPT, or BSP threads
- Glass window
- Dome covers

Maximum Number of Entries:

Metric	20mm	25mm	32mm	40mm	50mm
Imp. Conduit	3/4"	1"	1 1/4"	1 1/2"	2"
NPT & BSP	1/2"	3/4"	1"	1 1/4"	1 1/2"

Catalog No.

Top & Bottom					
GUBA01	6	5	3	2	1
GUBA02	10	8	4	3	2
Sides					
GUBA01	6	5	-	-	-
GUBA02	8	7	4	3	2
Back					
GUBA01	3	3	-	-	-
GUBA02	4	4	-	-	-



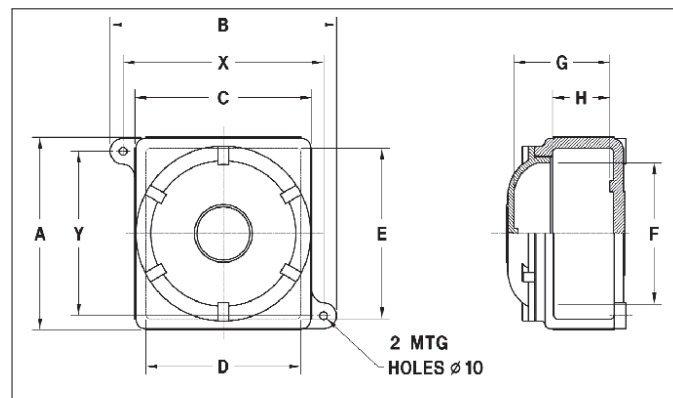
Ordering Information:

Type and Description	Cat. #
Empty enclosure 195mm x 217.5mm x 107mm	GUBA01
Flat cover for GUBA01	GUBA0101
Glass window for GUBA01 (gas group IIB only)	GUBA0110
Empty enclosure 253mm x 283mm x 135mm	GUBA02

Note: Entries must be factory drilled, price adder applicable.

Dimensions

In Millimeters:



Dimensional Data:

Cat. #	Internal Dimensions				Weight			
	A	B	C	D	E	F	G	H
GUBA01	195	220	175	146	146	130	107	76
GUBA02	253	298	233	204	224	185	135	76

Cat. #	Mounting Dimensions		No. of Mounting Feet	Weight kg
	X	Y		
GUBA01	195	145	2	4.2
GUBA02	264	216	2	8.1