Tavan Omran Sanat Samaneh Co.

Explosion Proof Junction Box

GUB Series

CERTIFICATE	2195 25 ATEX 019 X
MARKING Ex	II 2G Ex db IIC T6 or T5 or T4 or T3 Gb
	II 2D Ex tb IIIC T85°C or T100°C or T135°C or T200°C Db
DIRECTIVE	2014/34/EU
STANDARD	EN IEC 60079-0:2018, EN 60079-1:2014, EN IEC 60079-31:2024
INSTALLATION	zone 1 - 2 - 21 - 22
PROTECTION	IP66

CONSTRUCTION

Body aluminum alloy.
Internal/external stainless steel earth screws.
Fixing lugs.
On request coating.
Silicon Gasket.

FEATURES

GUB series junction boxes have a screw cover and are used either as junction Boxes with/without terminal or for installation of electrical equipment such as Fuses, relays, disconnectors, remote control switches, transformers, ballast etc… Body and cover can be drilled and threaded according to customer's specification. In accordance with rules, Tavanomran only can perform the drilling.

ACCESSORIES UPON REQUEST

Mounting plate.
Internal anti-condenstaion coating.
Coating on request.







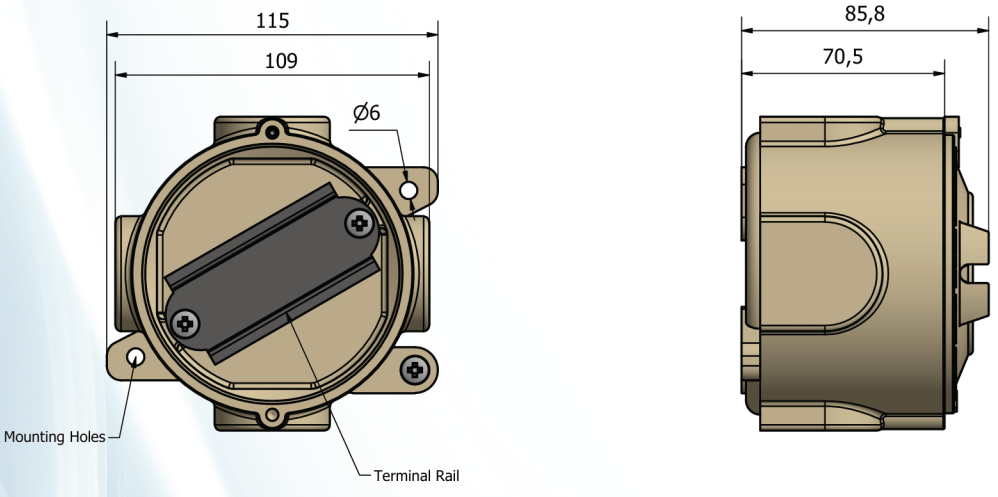
perex Ex

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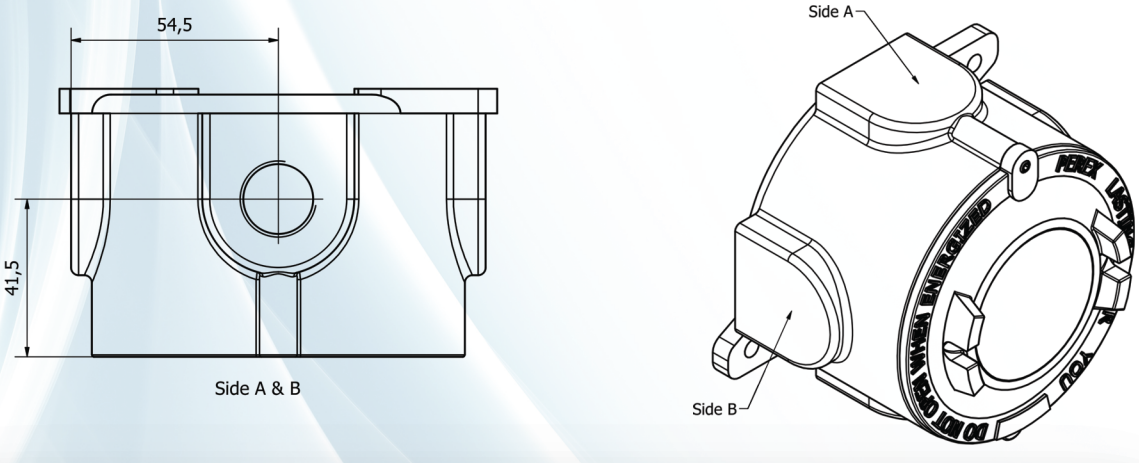
Explosion Proof Junction Box

GUB Series (SX)

Dimensions (mm)



DATA TO DRILL THE BODY



Drilling Hole Size									
	ISO 7-1 (NPT)	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
	ISO 261/965 (mm)	20x1.5	25x1.5	32x1.5	40x1.5	50x1.5	63x1.5	75x1.5	90x1.5
Max Num. of Holes		4	4	4	-	-	-	-	-

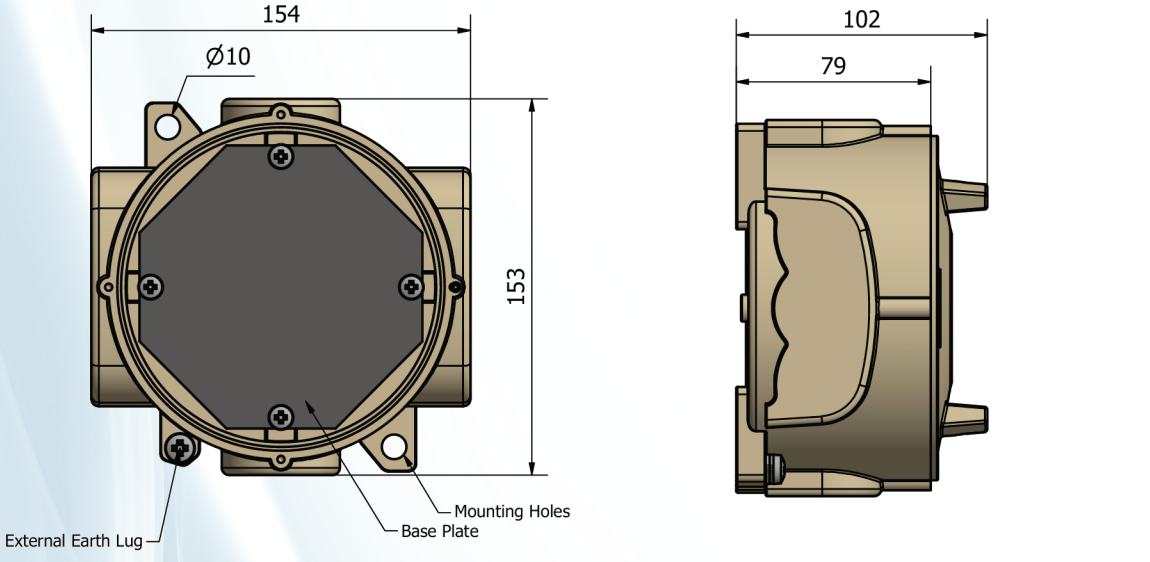
Number and Size Tetminal (mm²)

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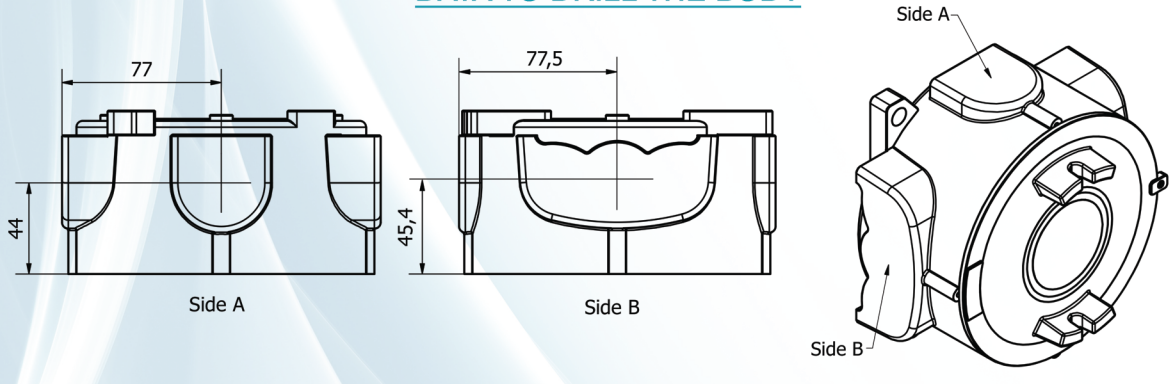
Explosion Proof Junction Box

GUB Series (LX)

Dimensions (mm)



DATA TO DRILL THE BODY



Drilling Hole Size	ISO 7-1 (NPT)	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
	ISO 261/965 (mm)	20x1.5	25x1.5	32x1.5	40x1.5	50x1.5	63x1.5	75x1.5	90x1.5
Max Num. of Holes (Side A)		1	1	-	-	-	-	-	-
Max Num. of Holes (Side B)		3	2	1	-	-	-	-	-
Max Num. of Holes (Total)		8	6	2	-	-	-	-	-

Number and Size Tetminal (mm²)

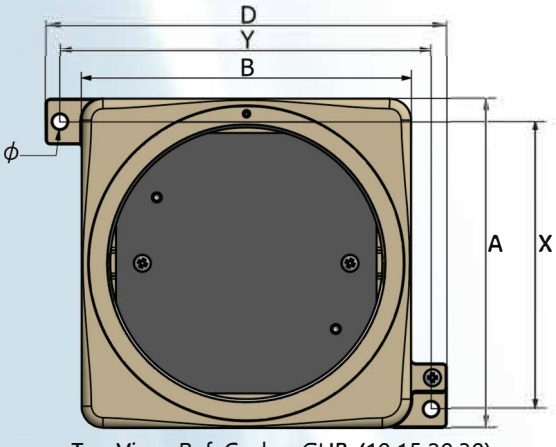
REF.Code	1.5	2.5	4	6	10	16	25	35	50	70	95	120	150	185	240
GUB-LX	16	14	12	9	7	-	-	-	-	-	-	-	-	-	-

perex Ex

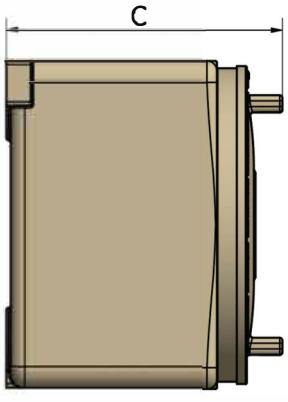
Tavan Omran Sanat Samaneh Co.

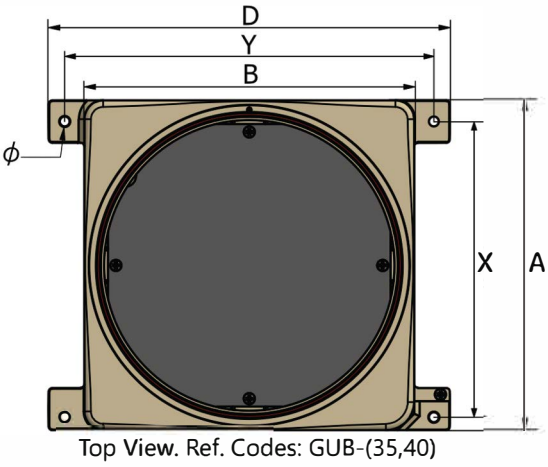
Explosion Proof Junction Box
GUB Series (10,15,20,30,35,40)

Dimensions (mm)



Top View. Ref. Codes: GUB-(10,15,20,30)





Top View. Ref. Codes: GUB-(35,40)

Ref. Code	Outside				Bracket Mounting			Thickness	Weight (kg)
	A	B	C	D	X	Y	ϕ		
GUB-10	135	135	135	185	109	163	10	12	2.5
GUB-15	175	175	193	225	149	204	10	12	5
GUB-20	230	230	194	280	201	259	10.5	12	9
GUB-30	284	284	245	360	247.5	326	10.5	12	12
GUB-35	350	350	276	426	313.5	392	10.5	12	25
GUB-40	440	440	296	556	392	518	13	16	30

DATA TO DRILL THE BODY

Ref. Code	Each Side Area (mm^2)	Max Number of Holes per One Side for each Hole Size							
		1/2" (NPT)	3/4" (NPT)	1" (NPT)	1 1/4" (NPT)	1 1/2" (NPT)	2" (NPT)	2 1/2" (NPT)	3" (NPT)
		20x1.5 (mm)	25x1.5 (mm)	32x1.5 (mm)	40x1.5 (mm)	50x1.5 (mm)	63x1.5 (mm)	75x1.5 (mm)	90x1.5 (mm)
GUB-10	103x84	4	3	1	1	1	-	-	-
GUB-15	145x144	9	8	4	2	1	1	1	-
GUB-20	195x130	15	11	6	3	2	2	1	-
GUB-30	242x162	24	15	8	6	6	2	2	1
GUB-35	287x183	28	18	15	8	6	3	2	2
GUB-40	420x213	50	32	18	15	10	8	3	2

Number and Size Tetminal (mm²)

REF.Code	1.5	2.5	4	6	10	16	25	35	50	70	95	120	150	185	240
GUB-10	18	14	12	9	7	-	-	-	-	-	-	-	-	-	-
GUB-15	26	20	17	12	10	8	7	6	-	-	-	-	-	-	-
GUB-20	2*32	2*26	2*22	2*16	2*12	2*11	10	8	-	-	-	-	-	-	-
GUB-30	2*46	2*36	2*30	2*22	2*18	2*14	2*12	10	9	8	-	-	-	-	-
GUB-40	2*62	2*50	2*42	2*32	2*26	2*20	2*18	16	12	11	10	8	8	6	6

perex Ex