



- Resistant Ex i terminal boxes made of stainless steel, degree of protection IP66, external M8 earth connection
- Version as screw-on cover or hinged cover with cam locks
- Fittings can be configured individually

MY R. STAHL 8150H




R. STAHL Series 8150 Ex i terminal boxes are made of brush finished stainless steel (1.4301, AISI 304 or 1.4404, AISI 316L) and are particularly resistant. The optimised design, like the circumferential protection channel on the cover opening and the silicone seal suitable for the most extreme temperature ranges, makes the enclosures usable worldwide. Various optional accessories are available.

	IECEX / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

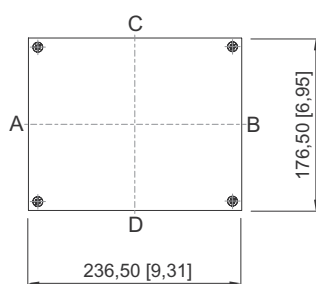
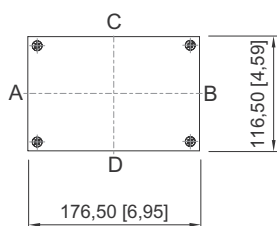
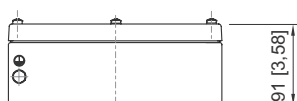
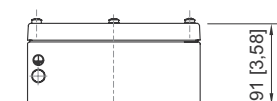
Selection Table							
Product Description		Ex i terminal box					
Enclosure material		Stainless steel 1.4301, (AISI 304), brush finished					
Figure	Product Type	Dimensions (WxHxD)	Type of terminals 1	Terminal rail	Max. no. of 2.5 mm ² terminals	Art. No.	Weight
	8150/2-0360-0360-150-2311	360 x 360 x 150 mm	1 x Phoenix UT 2-conductor, 2.5 mm ² , blue	35 x 301 mm (1x)	52	275143	4.27 kg
	8150/2-0360-0176-150-2311	360 x 176.5 x 150 mm	1 x Phoenix UT 2-conductor, 2.5 mm ² , blue	35 x 301 mm (1x)	52	275146	3.75 kg
	8150/2-0176-0116-091-2311	176.5 x 116.5 x 91 mm	1 x Phoenix UT 2-conductor, 2.5 mm ² , blue	35 x 133 mm (1x)	19	275141	2.25 kg
Product Description		Ex i terminal box					
Enclosure material		Stainless steel 1.4404, (AISI 316L), brush finished					
Figure	Product Type	Dimensions (WxHxD)	Type of terminals 1	Terminal rail	Max. no. of 2.5 mm ² terminals	Art. No.	Weight
	8150/2-0236-0176-091-3311	236.5 x 176.5 x 91 mm	1 x Phoenix UT 2-conductor, 2.5 mm ² , blue	35 x 189 mm (1x)	27	275147	3.09 kg
	8150/2-0176-0116-091-3311	176.5 x 116.5 x 91 mm	1 x Phoenix UT 2-conductor, 2.5 mm ² , blue	35 x 133 mm (1x)	19	275148	2.25 kg

Hinges can be ordered as accessories.

Technical Data	
Explosion Protection	
IECEX gas explosion protection	Ex ia ib IIC T6 Gb
IECEX dust explosion protection	Ex tb IIIC T80 °C Db
ATEX gas explosion protection	II 2 G Ex ia ib IIC T6 Gb
ATEX dust explosion protection	II 2 D Ex tb IIIC T80 °C Db
Certificates	ATEX (PTB), IECEX (PTB), India (PESO), Korea (KGS), Taiwan (ITRI)
Notes	Product label may vary. Series devices are labelled with ATEX and IECEX.
Electrical Data	
Rated operational voltage AC	0 ... 60 V
Notes	Depending on the terminal type and the explosion-protected components used
Ambient Conditions	
Ambient temperature	-60 °C ... +75 °C
Mechanical Data	
Degree of protection IP (IEC 60529)	IP66
External protective conductor connection	M8
Silicone-free	No
Connection cross-section	2.5 mm ²
Components	
Notes	Please observe the data of the terminal manufacturer, e.g. the tightening torque

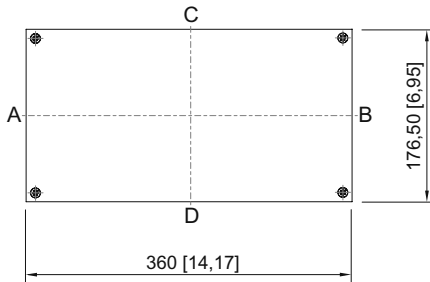
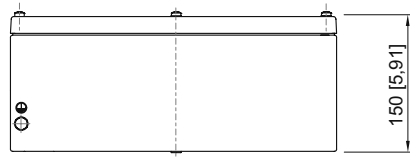
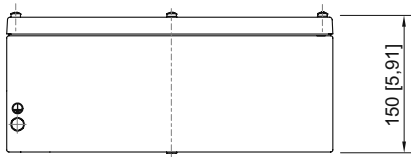
Accessories			
Figure	Description	Art. No.	Weight
Screw hinge assembly kit			
	Retrofittable hinge for enclosure up to max. 400 x 400 mm	275739	66 g

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations

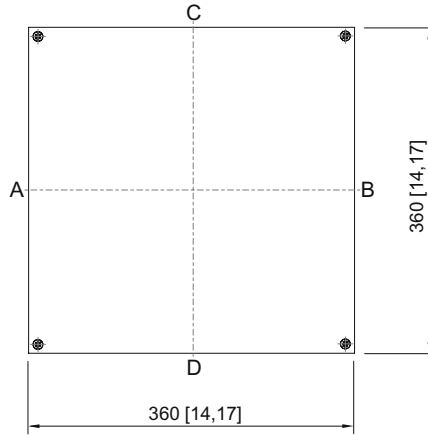


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