



- 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

E3

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 Enclosure material		Ex i terminal box 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 Enclosure material		Ex i terminal box 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 mm²

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		

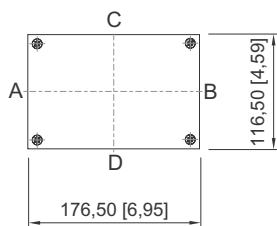
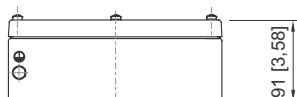
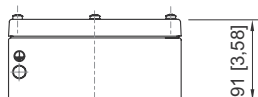


Retrofittable hinge for enclosure up to max. 400 x 400 mm

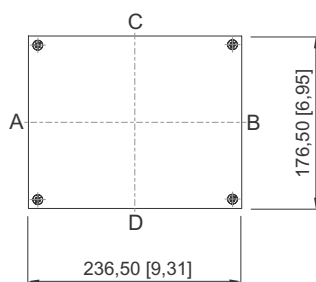
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66 g

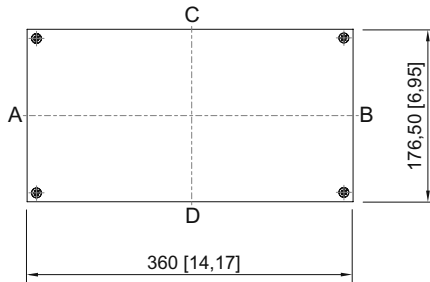
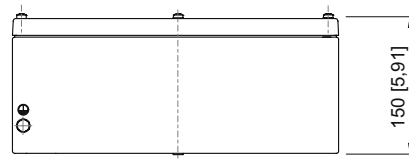
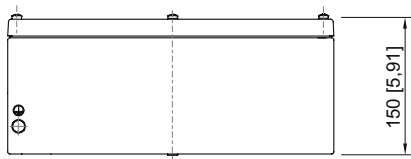
Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



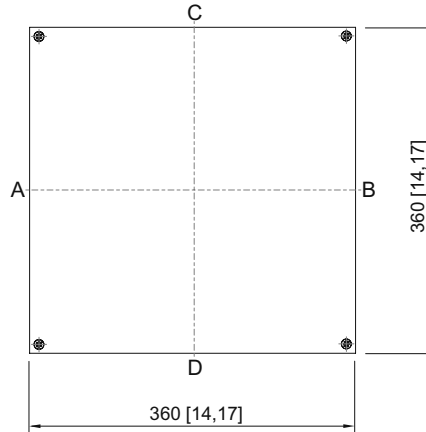
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