Installation equipment
Ex e terminal box

8150/1-0360-0360-150-3311 Art. No. 278813

- Resistant Ex e terminal boxes made of stainless steel
- Degree of protection IP66
- External earth connection M8
- Version as screw-on cover for other alternatives contact factory
- Equipped as required

MY R. STAHL **8150L**

R. STAHL Series 8150 Ex e terminal boxes are made of brushed stainless steel (DIN 1.4301, ANSI 304 or DIN 1.4404, ANSI 316L) and are particularly resistant. The optimised design and the circumferential protection channel on the cover opening and the silicone seal suitable for the most extreme temperature ranges make the enclosure usable worldwide. Various optional accessories are available.

Technical Data

Explosion Protection	
Area of application	European Union (ATEX) IECEx NEC® CE Code
Application range (zones)	1, 2, 21, 22
IECEX gas certificate	IECEx PTB 09.0048
IECEx gas explosion protection	Ex eb IIC T6 ... T4 Gb
IECEx dust certificate	IECEx PTB 09.0048
IECEx dust explosion protection	Ex tb IIIC T80 °C ... T135 °C Db
ATEX gas certificate	PTB 09 ATEX 1108
ATEX gas explosion protection	Ⓔx II 2 G Ex eb IIC T6 ... T4 Gb
ATEX dust certificate	PTB 09 ATEX 1108
ATEX dust explosion protection	Ⓔx II 2 D Ex tb IIIC T80 °C ... T135 °C Db
Certification ULus	E177642
Certificate cUL	E177642
Marking ULus	Class I, Zone 1 AEx e IIC T6, T5 Class I, Div. 2, Groups A,B,C,D Enclosure Type 3, 4, 4X
Marking cUL	Class I, Zone 1 Ex e IIC T6, T5 Class I, Div. 2, Groups A,B,C,D Enclosure Type 3, 4, 4X
Certificates	ATEX (PTB), Canada (UL), IECEx (PTB), Taiwan (ITRI), USA (UL)
Electrical Data	
Rated operational voltage AC IEC	690 V
Rated operational voltage AC UL	600 V

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Ambient Conditions	
Ambient temperature °C	-50 °C ... +40 °C (T6) (T80 °C) -50 °C ... +55 °C (T5) (T95 °C) -50 °C ... +85 °C (T4) (T135 °C)
Ambient temperature	-58°F ... +104°F (T6) (T80 °C) -58°F ... +131°F (T5) (T95 °C) -58°F ... +185°F (T4) (T135 °C)
Mechanical Data	
Degree of protection IP (IEC 60529)	IP66
Degree of protection (IP) UL	IP66
Enclosure material	Stainless steel 1.4404, (AISI 316L), brush finished
Material note	special version on request
External protective conductor connection	M8
Silicone-free	No
Connection cross-section	10 mm²
Connection cross-section AWG	8 AWG
Cover thickness	2 mm
Cover thickness in inches	0.079 in
Wall thickness	1.5 mm
Wall thickness in inches	0.059 in
Dimensions (WxHxD)	360 x 360 x 150 mm
Dimensions (WxHxD) inch	14.2 x 14.2 x 5.9 inch
Width	360 mm
Width, inches	14.173 in
Height	360 mm
Height in inches	14.173 in
Depth	150 mm
Depth in inches	5.906 in
Weight	8 kg
Weight	17.64 lb
Mounting / Installation	
Tightening torque lbf in	0 lbf-in
Tightening torque of cover screw 1	4.5 N · m
Tightening torque of cover screw 1 lbf in	39.83 lbf in
Components	
Flange and plates	Without flange
Entries installation options/side	Without drilled holes
Terminal rail	35 x 301 mm (1x)
Terminal rail	1.38 x 11.85" (1x)
Type of terminals 1	1 x Phoenix UT 2-conductor, 10 mm², grey
Type of grounding terminal 1	1 x Phoenix UT PE 2-conductor, 10 mm², green-yellow

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.