

8146/1S71 Art. No. 136742



- Wide range of Ex e terminal boxes in various sizes and materials, degree of protection IP66
- Customised equipping in accordance with customer specifications
- Enclosures with captive cover screws, if required, flange on enclosure sides is possible

MY R. STAHL 8146A



R. STAHL Series 8146 terminal boxes, made of high-quality, glass fibre-reinforced polyester resin, are ideal for use in harsh operating conditions. With eight basic sizes in various heights, they are universally usable. If requested by the customer, they are equipped with series terminals up to 300 mm² and, as an option, a flange on several enclosure sides is possible.

Technical Data

Explosion Protection

Scope of validity	European Union (ATEX) IECEX United Kingdom
Application range (zones)	1 2 21 22
IECEX gas certificate	IECEX PTB 06.0046
IECEX gas explosion protection	Ex eb IIC T6 / T5 Gb
IECEX dust certificate	IECEX PTB 06.0046
IECEX dust explosion protection	Ex tb IIIC T80 °C / T95 °C Db
ATEX gas certificate	PTB 01 ATEX 1016
ATEX gas explosion protection	⊕ II 2 G Ex eb IIC T6 / T5 Gb
ATEX dust certificate	PTB 01 ATEX 1016
ATEX dust explosion protection	⊕ II 2 D Ex tb IIIC T80 °C / T95 °C Db
Certificates	ATEX (PTB), Brazil (ULB), Canada / USA (UL), Canada (UL), China (NEPSI), IECEX (PTB), Korea (KGS), Taiwan (ITRI), USA (UL)
Declaration of Conformity	ATEX (EUK), China (CCC)
Explosion protection note	Product label may vary. Series devices have certification according to ATEX and IECEX.

Electrical Data

Rated operational voltage AC	0 ... 500 V
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Ambient Conditions





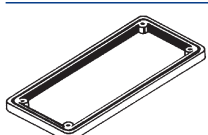

Ambient temperature	-60 °C ... +40 °C (T6) -60 °C ... +55 °C (T5)
Ambient temperature	-76 °F ... +104 °F (T6) -76 °F ... +131 °F (T5)

Mechanical Data

Degree of protection IP (IEC 60529)	IP66
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Spare Parts

2 mm brass plate for enclosure		Art. No.
	For 8146/.051, 8146/.052 (enclosure sides A/B) 8146/.S71 (enclosure sides A/B)	136914
	For 8146/.S71 (enclosure sides C/D) 8146/.081, 8146/.082 (enclosure sides C/D) 8146/.091, 8146/.092 (enclosure sides A/B)	136950
2 mm brass plate for flanges		Art. No.
	For flange size 1 (68 x 128 mm)	136888
3 mm brass plate for enclosure		Art. No.
	For 8146/.051, 8146/.052 (enclosure sides A/B) 8146/.S71 (enclosure sides A/B)	136240
	For 8146/.S71 (enclosure sides C/D) 8146/.081, 8146/.082 (enclosure sides C/D) 8146/.091, 8146/.092 (enclosure sides A/B)	136544
3 mm brass plate for flanges		Art. No.
	For flange size 1 (68 x 128 mm)	136201
Frame		Art. No.
	Size 1, 68 x 128 mm	135974
Flange		Art. No.
	Size 1: 68 x 128 mm, 5.8 mm thick	136032

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.