

8252/12-0III0-111 Art. No. 215144



- Ex d enclosure in 3 sizes, pre-mounted with threads and DIN rails for standard terminals
- Enclosure holes for quick and easy mounting
- Also suitable for versions with electronic components and relays

WebCode **8252A**



The new R. STAHL Series 8252/1 Ex d terminal boxes are made of seawater-resistant, copper-free aluminium casting alloy. The DIN rail is pre-mounted; in addition, the enclosures can be configured flexibly: Three sizes, 3, 4 or 5 hubs, metric or NPT thread – and always individually equipped, also with electronic components and relays.

Technical Data

Explosion Protection

Application range (zones)	1 2 21 22
IECEX gas certificate	IECEX BVS 11.0059X
IECEX gas explosion protection	Ex d IIC T5-T6 Gb
IECEX dust certificate	IECEX BVS 11.0059X
IECEX dust explosion protection	Ex tb IIIC T80°C-95°C Db
ATEX gas certificate	BVS 11 ATEX E 114 X
ATEX gas explosion protection	Ex II 2 G Ex d IIC T5-T6 Gb
ATEX dust certificate	BVS 11 ATEX E 114 X
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC T80°C-95°C Db
EAC certificate	TS RU S-DE.AA71.B.00113
EAC gas explosion protection	Ex 1Ex d [ia Ga] IIC T6...T4 Gb X Ex 1Ex d [ib Gb] IIC T6...T4 Gb X
EAC dust explosion protection	Ex Ex tb IIIC T80°...T130°C Db X
Certificates	ATEX (BVS), China (NEPSI), EAC (ENDCE), IECEX (BVS), India (PESO)

Electrical Data

Rated operational voltage AC	0 – 690 V
------------------------------	-----------

Ambient Conditions

Ambient temperature	-60 °C ... +70 °C
---------------------	-------------------

Mechanical Data

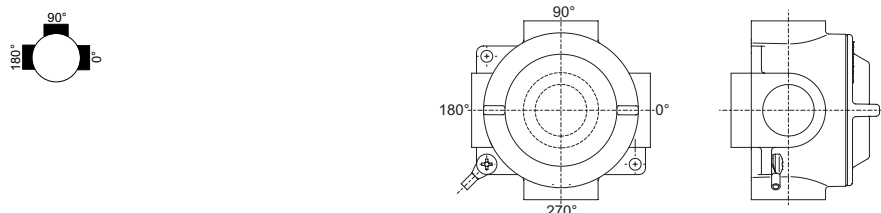
Degree of protection (IP)	IP66
Degree of protection note	according to IEC/EN 60529
Enclosure material	Cast aluminium alloy, Copper-free, powder-coated
Enclosure colour	Light grey (RAL 7032)
Dimensions (WxHxD)	106 x 106 x 76 mm

8252/12-0III0-111 Art. No. 215144

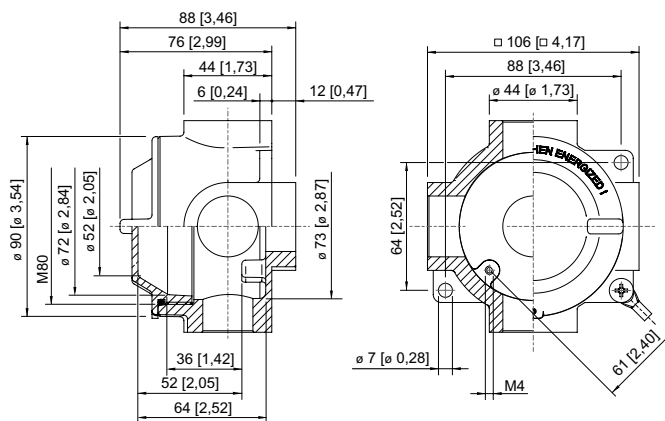
Mechanical Data

Width	106 mm
Height	106 mm
Depth	76 mm
Built-in components	Mounting rail
Enclosure size	2
Floor openings (BASE)	without entry & without adaptor
Left openings (180°)	NPT3/4
Top openings (90°)	NPT3/4
Right openings (0°)	NPT3/4
Bottom openings (270°)	without entry & without adaptor
Weight	0.55 kg
Weight	1.21 lb

Technical Drawings – Subject to Alterations



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



Size 2

Accessories

DIN rail		Art. No.
	TS15 Dimensions: 15 x 5.5 x 72	211473
Mounting plate		Art. No.
	58 x 58 x 2	211477
O-ring		Art. No.
	73.5 x 3	211481

8252/12-0III0-111 Art. No. 215144

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.