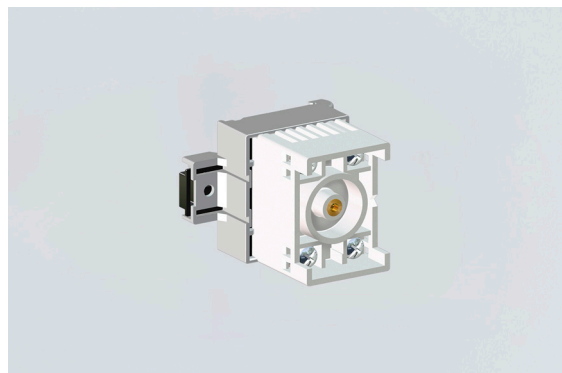


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- Flameproof relay module
- Potential-free switching contact
- Universally usable for a range of control tasks
- Wide service temperature range
- Four screw terminals each with two clamping units with increased safety (Ex e)
- For installation in an Ex e enclosure on a toothed mounting rail
- International certificates available

MY R. STAHL 8208C



The flameproof relay module in the 8208 universal enclosure is versatile enough to be used for various different control tasks in hazardous areas. This compact device is designed for installation in enclosures with increased safety (Ex e) type of protection. It is mounted on a toothed mounting rail. Four Ex e screw terminals each with two clamping units are available for the electrical connection.

Technical Data

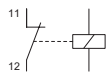
Explosion Protection				
Application range (zones)	1, 2			
IECEX gas certificate	IECEX PTB 06.0032 U			
IECEX gas explosion protection	Ex db eb IIC T6 Gb			
ATEX gas certificate	PTB 01 ATEX 1066 U			
ATEX gas explosion protection	Ex II 2 G Ex db eb IIC T6 Gb			
PESO gas certificate	PESO P148651			
Inmetro gas certificate	ULBR140223U			
Certificates	ATEX (PTB), Brazil (ULB), China (CQST), IECEX (PTB), SIL (exida)			
Explosion protection note	Product label may vary. Series devices are labelled with ATEX and IECEX.			
Electrical Data				
Type of voltage	AC			
AC rated operational voltage	230 V			
Rated actuating voltage	230 V AC			
Switching capacity	5 A/250 V/AC1			
Frequency Hz (for AC)	50			
Ambient Conditions				
Ambient temperature	-40 °C ... 60 °C			
Note	see "Max. power" table			
Max. power	Maximum internal heat distribution (connection with 1.5 mm ² conductor cross-section and maximum 5 A)			
	Ambient temperature		Ambient temperature	
	max. 40 °C		max. 60 °C	
	T _{surface} = max. 80 °C	T _{surface} = max. 95 °C	T _{surface} = max. 80 °C	T _{surface} = max. 95 °C
3.0 W	4.75 W	1.5 W	2.0 W	
Mechanical Data				
Enclosure material	Polyamide			

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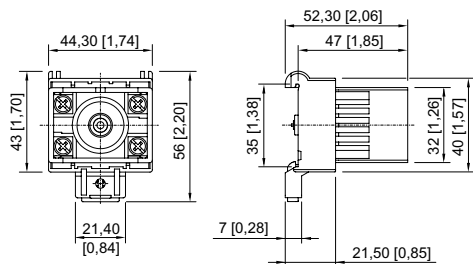
Mechanical Data

Silicone-free	Yes
Connection cross-section	2.5 mm ²
Max. connection cross section, solid	2,5 mm ²
Max. connection cross-section, finely stranded	2,5 mm ²
Solid connection cross section	1.5 – 2.5 mm ²
Finely stranded connection cross section	1.5 – 2.5 mm ²
Connection cross-section, finely stranded with core end sleeve	1.5 – 2.5 mm ²
Number of relays	1
Number of relay contacts	1 NC
Type of connection cable	Finely stranded Solid
Width	44 mm
Height	56 mm
Depth	52.5 mm
Weight	90 g

Technical Drawings – Subject to Alterations



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



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.