# Control and signalling devices

## Relay



### 8208/14-06-0022 Art. No. 140679



- · 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 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 certificate	PTB 01 ATEX 1066 U			
ATEX gas explosion protection				
PESO gas certificate	PESO P148651			
PESO gas explosion protection	Ex db eb IIC T6 Gb			
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				
Rated operational voltage AC	230 V			
Rated actuating voltage	230 V AC			
Switching capacity	5 A/250 V/AC1			
Frequency Hz (for AC)	50			
Type of voltage	AC			
Ambient Conditions				
Ambient temperature	-40 °C 60 °C			
Note	see "Max. power" table			

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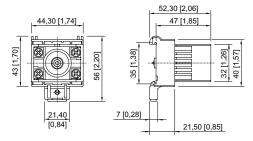
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Max. power	Maximum internal heat distribution (connection with 1.5 mm² conductor cross-section and maximum 5 A)				
	Ambient temperature max. 40 °C		Ambient temperature max. 60 °C		
	3.0 W	4.75 W	1.5 W	2.0 W	
Mechanical Data		•			
Enclosure material	Polyamide				
Silicone-free	Yes				
Connection cross-section	2.5 mm <sup>2</sup>				
Max. connection cross section, solid	2,5 mm²				
Max. connection cross-section, finely stranded	2,5 mm²				
Solid connection cross section	1.5 – 2.5 mm²				
Finely stranded connection cross section	1.5 – 2.5 mm²				
Connection cross-section, finely stranded with core end sleeve	1.5 – 2.5 mm²				
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				
Weight	0.2 lb				

### **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.