- 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)
- Large clamping range for solid or stranded conductors
- 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.

	IECEx / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•			

Selection Table

Product Description Number of relay contacts		Relay 1 NC			
Rated actuating voltage	Switching capacity	Frequency Hz (for AC)	Product Type	Art. No.	Weight
115 V AC	5 A/250 V/AC1	50	8208/14-06-0021	140676	90 g
230 V AC	5 A/250 V/AC1	50	8208/14-06-0022	140679	90 g
24 V DC	–	–	8208/14-06-0040	140683	90 g
Product Description Number of relay contacts		Relay 1 NO			
Rated actuating voltage	Switching capacity	Frequency Hz (for AC)	Product Type	Art. No.	Weight
12 V DC	–	–	8208/14-06-0031	291964	-
115 V AC	5 A/250 V/AC1	50	8208/14-06-0011	140670	90 g
230 V AC	5 A/250 V/AC1	50	8208/14-06-0012	140672	90 g
24 V DC	–	–	8208/14-06-0030	140681	90 g

Other versions on request.

Technical Data

Explosion Protection	
IECEx gas explosion protection	Ex db eb IIC T6 Gb
ATEX gas explosion protection	Ⓔx II 2 G Ex db eb IIC T6 Gb
Certificates	ATEX (PTB), Brazil (ULB), China (CQST), IECEx (PTB), SIL (exida)
Ambient Conditions	
Ambient temperature	-40 °C ... +60 °C
Note	see "Max. power" table

E4

Technical Data

Mechanical Data	
Enclosure material	Polyamide
Silicone-free	Yes
Solid connection cross section	1.5 – 2.5 mm²
Finely stranded connection cross section	1.5 – 2.5 mm²
Number of relays	1

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	
$T_{surface}$ = 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

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