



- Flameproof encapsulated relay module
- Floating switching contact
- Universally applicable for various control tasks
- Wide operating temperature range
- Four screw terminals with two clamping points each in increased safety (Ex e)
- Large clamping range for solid or stranded wires
- For installation in Ex e enclosures on serrated mounting rail
- International certificates available

E4

WebCode 8208C



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

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

Selection Table					
Product Description		Relay			
Number of relay contacts		1 NC			
Rated actuating voltage	Switching capacity	Frequency Hz (for AC)	Product Type	Art. No.	Weight kg
115 V AC	5 A/250 V/AC1	50	8208/14-06-0021	140676	0.090
230 V AC	5 A/250 V/AC1	50	8208/14-06-0022	140679	0.090
24 V DC	–	–	8208/14-06-0040	140683	0.090
Product Description		Relay			
Number of relay contacts		1 NO			
Rated actuating voltage	Switching capacity	Frequency Hz (for AC)	Product Type	Art. No.	Weight kg
12 V DC	–	–	8208/14-06-0031	291964	
115 V AC	5 A/250 V/AC1	50	8208/14-06-0011	140670	0.090
230 V AC	5 A/250 V/AC1	50	8208/14-06-0012	140672	0.090
24 V DC	–	–	8208/14-06-0030	140681	0.090

Other versions on request.

Technical Data	
Explosion Protection	
IECEx gas explosion protection	Ex db eb IIC T6 Gb
ATEX gas explosion protection	Ⓔ II 2 G Ex db eb IIC T6 Gb
Certificates	ATEX (PTB), Brazil (ULB), China (CQST), EAC (ENDCE), IECEx (PTB), SIL (exida)
Ambient Conditions	
Ambient temperature	-40 °C ... +60 °C

Technical Data

Ambient Conditions

Note see "Max. power" table

Mechanical Data

Enclosure material	Polyamide
Silicone-free	Yes
Solid connection cross section	1.5 – 2.5 mm ²
Finely stranded connection cross section	1.5 – 2.5 mm ²
Number of relays	1

Max. power

Maximum internal heat distribution

(Connection to 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

