



- Flameproof snap-action switch
- Versions with and without resistor circuitry
- 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

E4

## MY R. STAHL 8208E



The flameproof snap-action switch 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.

We recommend using compatible Series 8602 actuators.

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

Selection Table					
Product Description		Contact element with resistors			
Figure	Contacts	Product Type	Art. No.	Weight	
	1 NO + 1 NC 10k/1k	8208/24-15-0001	140706	100 g	
	1 NO + 1 NC 12k1/2k	8208/24-15-0023	246806	100 g	
	1 NO + 1 NC 13k7/1k	8208/24-15-0024	265691	100 g	
	1 NO + 1 NC 22.1k/681R	8208/24-15-0021	140728	100 g	
	2 NC	8208/24-15-0052	224627	100 g	
	2 NC 10k/1k	8208/24-15-0002	140707	100 g	
	2 NO 10k/1k	8208/24-15-0003	140709	100 g	

Other versions on request. For actuators, see control buttons Series 8082

Technical Data	
Explosion Protection	
Gas explosion protection ATEX	⊕ II 2 G Ex db eb IIC T6 Gb
IECEX gas explosion protection	Ex db eb IIC T6 Gb
Certificates	ATEX (PTB), Brazil (ULB), China (CQST), IECEX (PTB), SIL (exida)

### Technical Data

#### Functional Safety

SIL-capable without actuator or with actuators 8602C3-006, 8602C3-009, 8602C3-010, 8602C3-012

#### Electrical Data

Rated operational voltage DC 30 V

Rated insulation voltage 250 V

Rated surge voltage 2.5 kV

Switching capacity AC-15, 230 V 1,5 A

Switching capacity DC-13, 60 V 0,5 A

No. of poles 2

#### Ambient Conditions

Ambient temperature -40 °C ... +60 °C

#### Mechanical Data

Enclosure material Polyamide

Contact material Gold-plated

Solid connection cross section 1.5 – 2.5 mm<sup>2</sup>

Finely stranded connection cross section 1.5 – 2.5 mm<sup>2</sup>

Positive opening operation Yes

Silicone-free Yes

#### Mounting / Installation

Connection type Screw terminal

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

