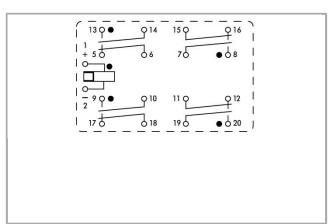
Safety relay module; Nominal input voltage: 230 V AC/DC; 2,50 mm²; gray





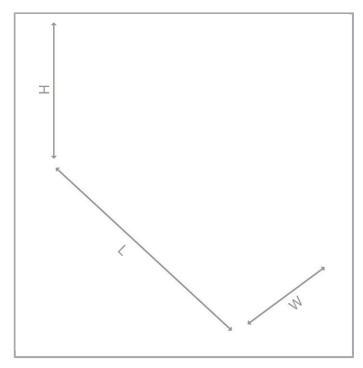


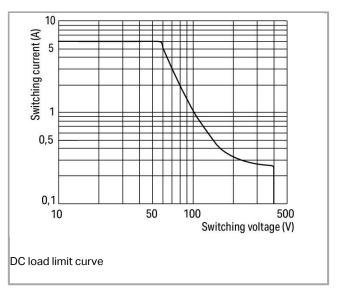


 $\label{thm:condition} \textbf{Subject to changes. Please also observe the further product documentation!}$

www.wago.com/288-418







Item description

Note:

If required, a ventilation hole can be made in the cover, reducing the protection type from IP67 to IP30.

If an outer contact (20) should weld, then the forced operated inner contact (12) driven by the actuator remains open. The rotating armature remains free to move. The unaffected contact pairs can operate normally, (i. e. their function to make or break remains unaffected).

If an inner contact should weld (12) then the movement of the rotating armature is blocked via the operator. Open contacts of all four contact pairs remain open. This arrangement corresponds to conventional, force-guided operation.

Data

Technical Data

Control circuit

Nominal input voltage U _N	AC/DC 230 V
Input voltage range	-15 +20 %
Nominal input current at U _N	14 mA

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169 Email: info.de@wago.com | Web: www.wago.com Do you have any questions about our products? We are always happy to take your call at +49 (571) 887-44222.

www.wago.com/288-418



Load circuit:

4
4
AgSnO ₂
6 A
AC 250 V
AC 1500 VA
10 V / 10 mA
18 ms
21 ms
4 ms
100 x 10 ³ switching operations
10 x 10 ⁶ switching operations
Type B

Safety and protection:

Rated voltage	250 V
Note on insulation parameters	acc. to EN 61010-1 Chapter K. 3c
Overvoltage category	II
Pollution degree	2
Dielectric strength, control/load circuit (AC, 1 min)	2 kVrms
Dielectric strength open contact (AC, 1 min)	1,3 kVrms
Dielectric strength, load/load circuit (AC, 1 min)	1,5 kVrms
Insulation type (control/load circuit)	Basic insulation
Insulation type (open contact)	Functional insulation
Insulation type (load/load circuit)	Basic insulation
Insulation type (adjacent devices)	Reinforced insulation (safe isolation)

Connection data

Connection technology	CAGE CLAMP®
WAGO terminal	WAGO 256 Series
Solid conductor	0,08 2,5 mm² / 28 12 AWG
Fine-stranded conductor	0,08 2,5 mm² / 28 12 AWG
Strip length	5 6 mm / 0.2 0.24 inch

 $\label{thm:condition} \textbf{Subject to changes. Please also observe the further product documentation!}$

WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27 32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169 Email: info.de@wago.com | Web: www.wago.com Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.

www.wago.com/288-418



Geometrical Data

Width	63,5 mm / 2.5 inch
Height from upper-edge of DIN-35 rail	40 mm / 1.575 inch
Depth	85 mm / 3.346 inch

Mechanical data

Type of mounting	DIN-35 rail

Material Data

Color	gray
Fire load	1.167 MJ
Weight	113.3 g

Environmental Requirements

Surrounding air (operating) temperature at \boldsymbol{U}_{N}	-40 70 °C	
Surrounding air (storage) temperature	-40 80 °C	
Processing temperature	-25 +50 °C	
Max. temperature rise of connection cable	20 K	
Relative humidity	585%	
Max. operating altitude	2000 m	

Standards and specifications

Standards/specifications	EN 60664-1; EN 50205; EN 61810-1; ESTI (SEV): 09.1133; UL 508:
	E120782; TÜV: 968/EZ 116.02/09

Commercial data

Product Group	6 (Interface Electronics)
Packaging type	BOX
Country of origin	DE
GTIN	4017332160209
Customs Tariff No.	85364900990

Counterpart

 $\label{thm:condition} \textbf{Subject to changes. Please also observe the further product documentation!}$

WAGO Kontakttechnik GmbH & Co. KG Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169 Email: info.de@wago.com | Web: www.wago.com Do you have any questions about our products? We are always happy to take your call at +49 (571) 887-44222.

www.wago.com/288-418



Compatible products

	Item no.: 709-177		www.wago.	com/709-177
	Marking strips; on reel; 7.5 mm wide; not stretchable; plain;	snap-on type; translucent		
	Item no.: 709-178	anan an tunau whita	www.wago.	com/709-178
	Marking strips; on reel; 7.5 mm wide; not stretchable; plain;	snap-on type; white		
	Item no.: 709-196		www.wago.	com/709-196
	Marking strips; for laser printer; translucent			
	Item no.: 709-198		www.wago.	com/709-198
	Marking strips; white			
tools				
	Item no.: 210-720	d abaft	www.wago.	com/210-720
	Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated	u Silait		
Downloa	ads			
Docume				
Instruction	n Leaflet			
			pdf	Download
			1.3 MB	
Additional	Information			
	I Information Electrical and electronic equipment, Packaging	V 1.0.0		Download
		V 1.0.0	1.3 MB	Download
Disposal;	Electrical and electronic equipment, Packaging	V 1.0.0	1.3 MB	Download
	Electrical and electronic equipment, Packaging	V 1.0.0	1.3 MB	Download
Disposal; CAD/CA CAD data	Electrical and electronic equipment, Packaging	V 1.0.0	1.3 MB	Download
Disposal; CAD/CA CAD data	Electrical and electronic equipment, Packaging E-Data	V 1.0.0	1.3 MB pdf 265.8 kB	
CAD/CA CAD data 2D/3D Mo	Electrical and electronic equipment, Packaging E-Data	V 1.0.0	1.3 MB pdf 265.8 kB	

 $\label{thm:condition} \textbf{Subject to changes. Please also observe the further product documentation!}$

WAGO Kontakttechnik GmbH & Co. KG Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169 Email: info.de@wago.com | Web: www.wago.com Do you have any questions about our products? We are always happy to take your call at +49 (571) 887-44222.

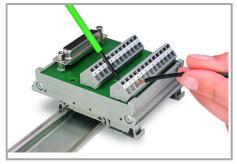
W/AGO

Installation Notes

Inserting a conductor

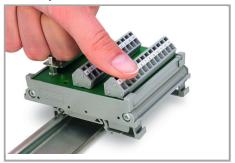


Connection of conductor – Operating tool actuation parallel to conductor entry.

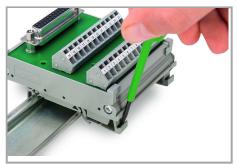


Connection of conductor – Operating tool actuation perpendicular to conductor entry.

Assembly



Assembly of a module on the carrier rail



Removing a module from the DIN-rail.

 $\label{thm:condition} \textbf{Subject to changes. Please also observe the further product documentation!}$

Phone: +49571 887-0 | Fax: +49571 887-169 Email: info.de@wago.com | Web: www.wago.com Do you have any questions about our products? We are always happy to take your call at +49 (571) 887-44222.