

Contact Block

Series 8208



- > Available versions
 - 1 NO contact + 1 NC contact
 - 2 NC contacts
 - 2 NO contacts
- > With gold contacts
- > Internal resistors for open-circuit and short-circuit detection
- > Actuators in 8 different versions
- > Suitable for safety-relevant applications up to SIL 2 and SIL 3 according to IEC/EN 61508

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E4

The contact blocks Series 8208 are specially designed for switching of very low signalling currents. All elements are equipped with two contacts and internal resistors for open-circuit and short-circuit detection. One control button can be actuated by means of one actuator Series 8602.

A total of eight different actuators is available: pushbutton, mushroom pushbutton, selector switch with rotary actuator, rotary actuator, key-operated switch, key-operated button and mushroom stay-put button with key lock.

	ATEX / IECEx / GOST						Zone	Class I (NEC 505)				Division	Class I		Class II		Class III		
	0	1	2	20	21	22		0	1	2	20		21	22	1	2	1	2	1
For use		x	x		x	x	For use in		x ^{*)}	x ^{*)}		x ^{*)}	x ^{*)}						

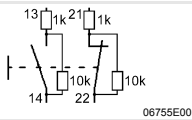
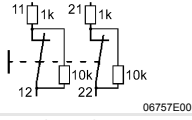
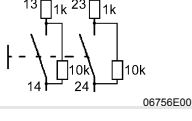
^{*)} Canada

WebCode 8208A

Contact Block

Series 8208

Selection Table

Version	Description	Circuit diagram	Order number	Weight kg
Contact block Series 8208	with open-circuit and short-circuit detection	1 NO / 1 NC, positive opening 	8208 / 24 - 15 - 0001	0.100
		2 NC, positive opening 	8208 / 24 - 15 - 0002	0.100
		2 NO 	8208 / 24 - 15 - 0003	0.100
Note	Actuators see contact blocks Series 8082			

Explosion Protection

Global (IECEX)

Gas	IECEX PTB 06.0032 U Ex d IIC
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Europe (ATEX)

Gas	PTB 01 ATEX 1066 U II 2 G Ex de IIC
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Certificates and approvals

Certificates	IECEX, ATEX, India (PESO), Canada (CSA), Belarus (GOST-B)
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Technical Data

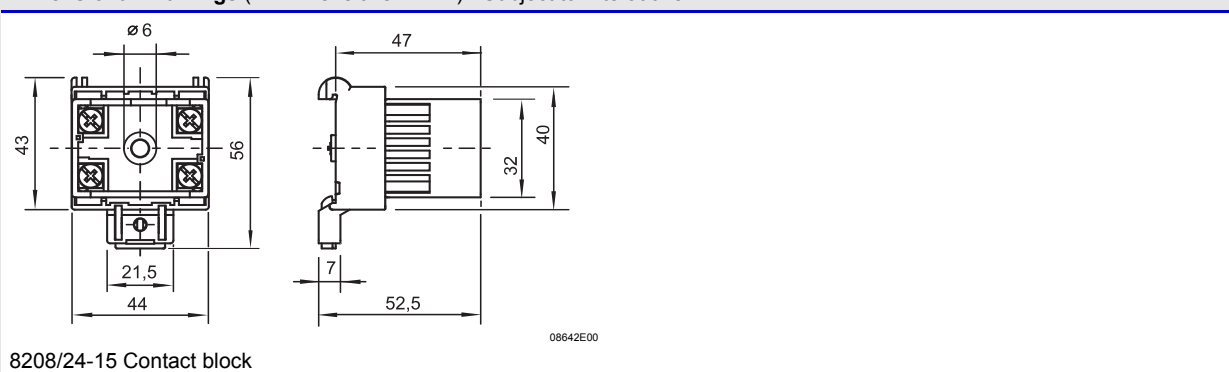
Contact block

Electrical data	
Rated operational current	when switching instrumentation and control circuits: 2 ... 20 mA DC
Rated operational voltage	when switching instrumentation and control circuits: 8 ... 30 V DC
Contact resistance	typical 10 mΩ
Mechanical data	
Contact material	gold

Resistors

Electrical data	
Rating	max. 0.5 W
Ambient conditions	
Ambient temperature	- 55 ... + 40 °C
Mechanical data	
Enclosure material	Polyamide
Connection type	2 x 2.5 mm ² finely stranded (screw terminals)

Dimensional Drawings (All Dimensions in mm) - 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.