



SWITCHING ELEMENT, 1NC,
SOLDER PIN CONNECTION

Contact block/ lampholder:	
Product designation	contact block
Number of NC contacts / for auxiliary contacts	1
Number of NO contacts / for auxiliary contacts	0
Number of changeover contacts / for auxiliary contacts	0
Product function / positive opening	Yes
Number of lampholders	0
Design of the electrical connection	solder pin connectors

General technical data:	
Voltage type / of operating voltage	AC/DC
Operating voltage	
<ul style="list-style-type: none"> • at 50 Hz / at AC <ul style="list-style-type: none"> • rated value • at 60 Hz / at AC <ul style="list-style-type: none"> • rated value • for DC <ul style="list-style-type: none"> • rated value 	V 5 ... 230
	V 5 ... 230
	V 5 ... 230
Operating current	
<ul style="list-style-type: none"> • at AC-12 • at 24 V / rated value 	A 10

• at 60 V / rated value	A	10
• at 110 V / rated value	A	10
• at 230 V / rated value	A	10
• at AC-15		
• at 24 V / rated value	A	4
• at 60 V / rated value	A	4
• at 110 V / rated value	A	4
• at 230 V / rated value	A	4
• at DC-12		
• at 24 V / rated value	A	6
• at 60 V / rated value	A	5
• at 110 V / rated value	A	2.5
• at 230 V / rated value	A	1
• at DC-13		
• at 24 V / rated value	A	3
• at 60 V / rated value	A	1.2
• at 110 V / rated value	A	0.7
• at 230 V / rated value	A	0.3
Resistance against shock / for devices without incandescent lamp / according to IEC 60068-2-27		<= 50g
Resistance against vibration / according to IEC 60068-2-6		20 ... 200 Hz: 5g
Reference code / according to DIN EN 61346-2		S
Reference code / according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		S
Ambient temperature		
• during operating	°C	-25 ... +70
• during storage	°C	-40 ... +80
Protection class IP / of the terminal		IP20
protection type IP / of the enclosure		IP40
Mounting type		clip-on
Width	mm	18
Height	mm	19
Depth	mm	29

Certificates/ approvals:

General Product Approval

Declaration of Conformity



other

[Confirmation](#)

[Environmental
Confirmations](#)

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

Cax online generator

<http://www.siemens.com/cax>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3SB2455-0C/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB2455-0C

last change:

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