SIEMENS

Data sheet 3SB2227-0LC01



Figure similar

Illuminated pushbutton, 16 mm, round, plastic, red, pushbutton, raised, 1 NC
Lampholder W2 x 4.6 d, with incandescent lamp 24 V

product brand name	SIRIUS
product designation	Illuminated pushbuttons
design of the product	Complete unit round
product type designation	3SB2
Enclosure	
number of command points	1
Actuator	
design of the actuating element	Illuminated pushbutton
principle of operation of the actuating element	momentary contact type
product extension optional light source	Yes
color of the actuating element	red
material of the actuating element	plastic
shape of the actuating element	Raised pushbutton
type of unlocking device	without
number of switching positions	2
Front ring	
product component front ring	Yes
design of the front ring	Standard
material of the front ring	plastic
color of the front ring	black
Holder	
material of the holder	Plastic
Contact block/ lampholder	
socket design	W2 x 4.6d with lamp
number of lampholders	1
number of switching elements	1
General technical data	
product function	
● positive opening	Yes
● EMERGENCY STOP function	No
product component light source	Yes
type of voltage of the operating voltage	AC/DC
protection class IP	IP65
vibration resistance according to IEC 60068-2-6	20 ... 200 Hz: 5 g
operating frequency maximum	1 000 1/h
mechanical service life (operating cycles) typical	3 000 000
reference code according to IEC 81346-2	S
Substance Prohibitance (day/month/year)	07/01/2006

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Net Weight	0.022 kg
operating voltage rated value	5 ... 60 V
Supply voltage	
type of voltage of the supply voltage	
● of the light source	AC/DC
supply voltage of the light source at AC	
● at 50 Hz rated value	24 V
● at 60 Hz rated value	24 V
supply voltage 1 of the light source at DC rated value	24 V
relative negative tolerance of the supply voltage	-15 %
relative positive tolerance of the supply voltage	10 %
Auxiliary circuit	
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	0
number of CO contacts for auxiliary contacts	0
consumed current for rated value of supply voltage maximum	40 mA
operational current at AC-12	
● at 24 V rated value	10 A
● at 60 V rated value	10 A
● at 110 V rated value	10 A
● at 230 V rated value	10 A
operational current at AC-15	
● at 24 V rated value	4 A
● at 110 V rated value	4 A
● at 230 V rated value	4 A
operational current at DC-12	
● at 24 V rated value	6 A
● at 60 V rated value	5 A
● at 110 V rated value	2.5 A
● at 230 V rated value	1 A
operational current at DC-13	
● at 24 V rated value	3 A
● at 60 V rated value	1.2 A
● at 110 V rated value	0.7 A
● at 230 V rated value	0.3 A
Connections/ Terminals	
type of electrical connection	tab terminals
tightening torque of the screws in the bracket maximum	0.4 N·m
Ambient conditions	
ambient temperature	
● during operation	-25 ... +60 °C
● during storage	-40 ... +80 °C
environmental category during operation according to IEC 60721	3K6
Installation/ mounting/ dimensions	
fastening method	front plate mounting
shape of the installation opening	round
mounting diameter	16 mm
mounting height	12 mm
installation width	19 mm
installation depth	50 mm
Approvals Certificates	

Environment	General Product Approval
Environmental Confirmations	CCC, UL, EAC, CE EG-Konf., UKCA

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Test Certificates			other	
Miscellaneous	Type Test Certific-ates/Test Report	Special Test Certific-ate	Confirmation	产品合格 QC PASS

Further information

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SB2227-0LC01
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB2227-0LC01
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SB2227-0LC01
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB2227-0LC01&lang=en

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