



Figure similar

KEYSWITCH, 16MM, ROUND, PLASTIC, CES, 3 SWITCH POSITIONS I-O-II, LATCHING, ACTUATING ANGLE 2X62 DEGREES KEY REMOVAL I+O+II, 1NO, 1NO

Design of the product		Complete unit round
Enclosure:		
Number of control points		1
Actuator:		
Design of the operating mechanism		Key-operated switch
Manner of function of the actuating element		Latching
Product expansion optional Light source		No
Material of the actuating element		plastic
Type of unlocking device		key unlatching
Number of switching positions		3
Switch position for key distraction		I+O+II
Actuating angle		
• clockwise	°	62
• anticlockwise	°	62
Lock make		CES
Front ring:		
Product component front ring		No
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:		
Number of lampholders		0

Number of switching elements		2
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General technical data:

Product function		
<ul style="list-style-type: none"> • positive opening • EMERGENCY STOP function 		No No
Type of voltage		
<ul style="list-style-type: none"> • of the operating voltage 		AC/DC
Vibration resistance		
<ul style="list-style-type: none"> • acc. to IEC 60068-2-6 		20 ... 200 Hz: 5g
Operating frequency maximum	1/h	1 000
Mechanical service life (switching cycles)		
<ul style="list-style-type: none"> • typical 		300 000
Protection class IP		IP65
Equipment marking		
<ul style="list-style-type: none"> • acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2 		S S S
Operating voltage		
<ul style="list-style-type: none"> • Rated value 	V	5 ... 250

Auxiliary circuit:

Number of NC contacts		
<ul style="list-style-type: none"> • for auxiliary contacts 		0
Number of NO contacts		
<ul style="list-style-type: none"> • for auxiliary contacts 		2
Number of CO contacts		
<ul style="list-style-type: none"> • for auxiliary contacts 		0
Operating current at AC-12		
<ul style="list-style-type: none"> • at 60 V Rated value • at 110 V Rated value • at 24 V Rated value • at 230 V Rated value 	A A A A	10 10 10 10
Operating current at AC-15		
<ul style="list-style-type: none"> • at 230 V Rated value 	A	4
Operating current		
<ul style="list-style-type: none"> • at DC-12 <ul style="list-style-type: none"> — at 60 V Rated value — at 110 V Rated value • at DC-13 <ul style="list-style-type: none"> — at 24 V Rated value — at 60 V Rated value 	A A A A	5 2.5 3 1.2

— at 110 V Rated value

A 0.7

Connections/ Terminals:

Type of electrical connection tab terminals

Ambient conditions:

Ambient temperature

- during operation °C -25 ... +70
- during storage °C -40 ... +80




Installation/ mounting/ dimensions:

Mounting type front mounting

Shape of the installation opening round

Mounting diameter mm 16

Certificates/ approvals:

General Product Approval	Declaration of Conformity	Test Certificates	other		
 CCC		 EG-Konf.	Special Test Certificate	Environmental Confirmations	Confirmation

other

[other](#)

Further information

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

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

Industry Mall (Online ordering system)

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

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SB22104PB01>

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

<http://support.automation.siemens.com/WW/view/en/3SB22104PB01/all>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SB22104PB01&lang=en

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