SIEMENS

Data sheet 3SE5413-0CC20-1EA2

COMPACT SWITCH 30MM WIDE W. CONNECTING CABLE 2M
SNAP-ACTION CONTACTS 1NO+1NC ROUNDED PLUNGER,



Product designation	compact switch
General technical data:	
Product function	
• positive opening	Yes
Insulation voltage	
• rated value	400 V
Surge voltage resistance rated value	4 kV
Protection class IP	IP67
Degree of pollution	3
Vibration resistance	
• acc. to IEC 60068-2-6	0.35 mm/5g
Mechanical service life (switching cycles)	
• typical	10 000 000
Electrical endurance (switching cycles)	
• at AC-15 at 230 V typical	100 000
Electrical endurance (switching cycles) with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 typical	500 000

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Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026	1 800
Thermal current	10 A
Material of the enclosure of the switch head	metal
Equipment marking	
• acc. to DIN EN 61346-2	B
• acc. to DIN EN 81346-2	B
Active principle	mechanical
Repeat accuracy	0.05 mm
Minimum actuating force in activation direction	20 N

Enclosure:

Design of the housing	block
Material of the enclosure	metal
Coating of the enclosure	painted
Design of the housing acc. to standard	No
Material of cable sheath	PVC

Drive Head:

Design of the operating mechanism	rounded plunger
Shape of the switch head	rounded
Design of the switching function	snap-action contact

Connections/ Terminals:

Type of electrical connection	cable connection 5m x 0.75 mm² PVC

Communication/ Protocol:

Design of the interface	without

Ambient conditions:

Ambient temperature	
• during operation	-25 ... +85 °C
• during storage	-25 ... +85 °C

Installation/ mounting/ dimensions:

Mounting position	any
Mounting type	screw fixing

Certificates/approvals

General Product Approval	Declaration of Conformity	other
CCC, UL, EAC	EG-Konf.	Bestätigungen

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Further information

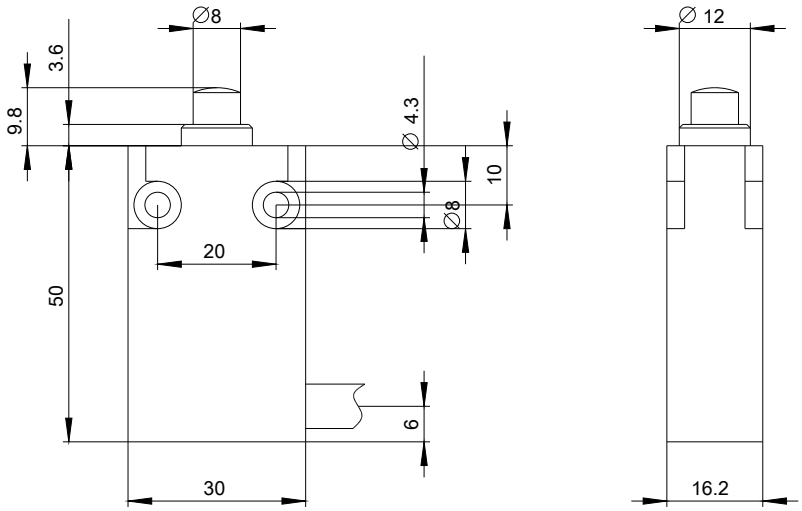
Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE54130CC201EA2

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE54130CC201EA2

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SE54130CC201EA2

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE54130CC201EA2&lang=en



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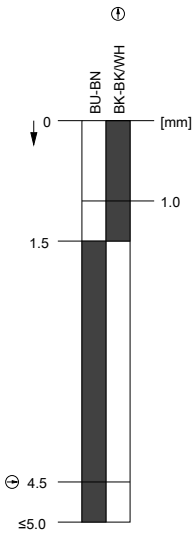

last modified: 16.03.2016

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