## Data sheet 3SE5413-0CP20-1EA2



Compact switch with connection cable 2 m, Snap-action contacts 1 NO+1 NC twist lever with same design as 3SE3 (Precursor program)  $\,$ 

product brand name	SIRIUS	
product designation	Mechanical position switches	
product type designation	3SE5	
suitability for use safety switch	Yes	
General technical data		
product function positive opening	Yes	
insulation voltage rated value	400 V	
degree of pollution	3	
surge voltage resistance rated value	4 kV	
protection class IP	IP67	
shock resistance		
<ul> <li>according to IEC 60068-2-27</li> </ul>	30g / 11 ms	
vibration resistance according to IEC 60068-2-6	0.35 mm/5g	
mechanical service life (operating cycles) typical	5 000 000	
electrical endurance (operating cycles) at AC-15 at 230 V typical	100 000	
thermal current	10 A	
material of the enclosure of the switch head	metal	
reference code according to IEC 81346-2	В	
active principle	mechanical	
repeat accuracy	0.05 mm	
Substance Prohibitance (Date)	07/01/2006	
minimum actuating torque in directions of actuation	0.2 N·m	
length of the sensor	95 mm	
width of the sensor	30 mm	
Ambient conditions		
ambient temperature		
<ul> <li>during operation</li> </ul>	-25 +85 °C	
during storage	-25 +85 °C	
explosion protection category for dust	none	
design of the switching contact	mechanical	
operating frequency rated value	50 60 Hz	
number of NC contacts for auxiliary contacts	1	
number of NO contacts for auxiliary contacts	1	
operational current at AC-15		
• at 125 V rated value	6 A	
at 230 V rated value	3 A	
operational current at DC-13		
• at 125 V rated value	0.55 A	
• at 230 V rated value	0.27 A	

Enclosure		
design of the housing	block	
material of the enclosure	metal	
coating of the enclosure	painted	
design of the housing according to standard	No	
material of cable sheath	PVC	
Drive Head		
design of the actuating element	twist lever	
shape of the switch head	lever	
design of the switching function	snap-action contact	
circuit principle	snap-action contacts	
number of switching contacts safety-related	1	
Installation/ mounting/ dimensions		
mounting position	any	
fastening method	screw fixing	
Connections/ Terminals		
type of electrical connection	cable, 5 x 0.75mm²	
design of the interface for safety-related communication	without	
Communication/ Protocol		
design of the interface	without	
Certificates/ approvals		
General Product Approval		Declaration of Conformity

Confirmation











other

Confirmation

## Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3SE5413-0CP20-1EA2

Cax online generator

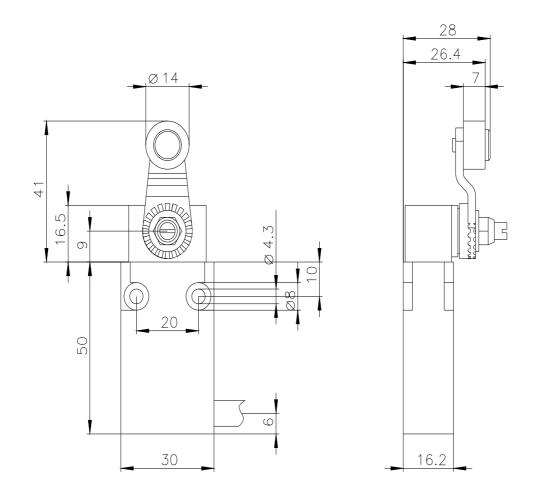
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5413-0CP20-1EA2

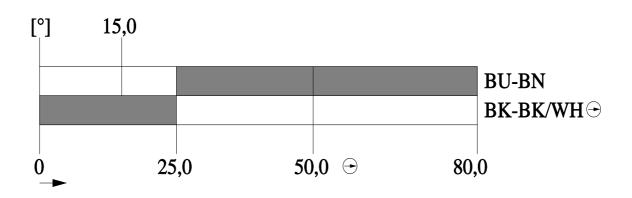
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SE5413-0CP20-1E/

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SE5413-0CP20-1EA2&lang=en





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