# **SIEMENS**

## **Product data sheet**

3SE5413-0CN20-1EA2



COMPACT SWITCH 30MM WIDE W. CONNECTING CABLE 2M SNAP-ACTION CONTACTS 1NO+1NC TWIST LEVER

General technical details:		
product designation		compact switch
Explosion protection category for dust		none
Insulation voltage		
rated value	V	400
Degree of pollution		3
Thermal current	Α	10
Operating current		
• at AC-15		
• at 125 V / rated value	Α	6
• at 230 V / rated value	Α	3
• at DC-13		
• at 125 V / rated value	Α	0.55
• at 230 V / rated value	Α	0.27
Continuous current		
of the slow DIAZED fuse link	Α	10
of the quick DIAZED fuse link	Α	10
of the C characteristic circuit breaker	Α	3
Mechanical operating cycles as operating time		
• typical		5,000,000

Electrical operating cycles as operating time		
<ul> <li>with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical</li> </ul>		500,000
• at AC-15 / at 230 V / typical		100,000
Electrical operating cycles in one hour		
<ul> <li>with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026</li> </ul>		1,800
Repeat accuracy	mm	0.05
Design of the contact element		snap-action contacts
Number of NC contacts		
for auxiliary contacts		1
Design of the switching function		snap-action contact
Number of NO contacts		
for auxiliary contacts		1
Resistance against vibration		0.35 mm / 5g
Resistance against shock		30g / 11 ms
Ambient temperature		
during operating	°C	-25 +85
during storage	°C	-25 +85
Width of the sensor	mm	30
Material		
• of the enclosure		metal
Material / of the housing / of the switch head		metal
Design of the operating mechanism		twist lever
Actuating speed	mm/s / m/s	0.05 2
Protection class IP		IP67
mounting position		any
Design of the electrical connection		cable connection 5x 0.75 m2 PVC
Item designation		
<ul> <li>according to DIN 40719 extendable after IEC 204-2</li> </ul>		S
according to DIN EN 61346-2		В

# Certificates/approvals:

General Product Approval other



Confirmation

# 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:

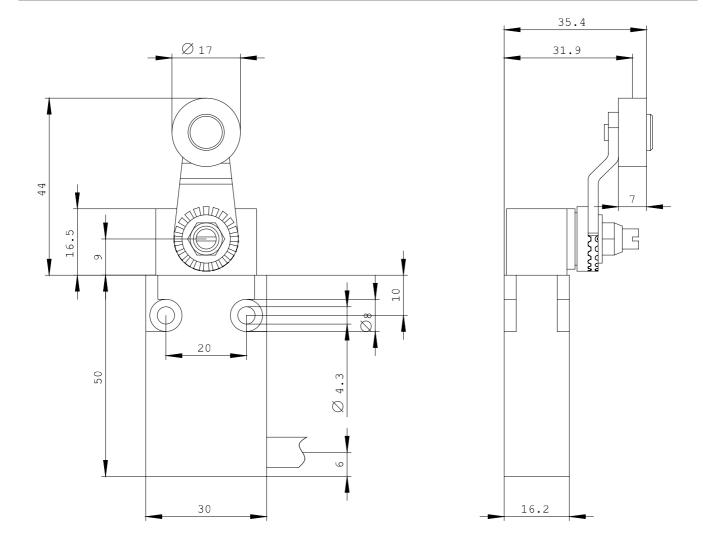
http://www.siemens.com/cax

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

http://support.automation.siemens.com/WW/view/en/3SE5413-0CN20-1EA2/all

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

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3SE5413-0CN20-1EA2





last change: Jan 21, 2013