SIEMENS

Data sheet

3SE5423-0CD20-1EA2



Position switch in compact design 40 mm wide with connection cable 2 m Snapaction contacts 1 NO+1 NC with roller plunger

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		
 according to IEC 60068-2-27 	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	stainless steel	
reference code according to IEC 81346-2	В	
active principle	mechanical	
repeat accuracy	0.05 mm	
Substance Prohibitance (Date)	07/01/2006	
minimum actuating force in directions of actuation	15 N	
length of the sensor	70 mm	
width of the sensor	40 mm	
Ambient conditions		
ambient temperature		
 during operation 	-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	roller plunger
shape of the switch head	roller
design of the switching function	snap-action contact
circuit principle	snap-action contacts
number of switching contacts safety-related	1
nstallation/ mounting/ dimensions	
mounting position	any
fastening method	screw fixing
Connections/ Terminals	
type of electrical connection	cable, 5 x 0.75mm ²
design of the interface for safety-related communication	without
Communication/ Protocol	
design of the interface	without
Certificates/ approvals	
General Product Approval	Declaration of Con- formity
Confirmation	
Declaration of Con- formity other	
Confirmation EG-Konf.	
urther information Siemens has decided to exit the Russian market (see here).	

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=3SE5423-0CD20-1EA2

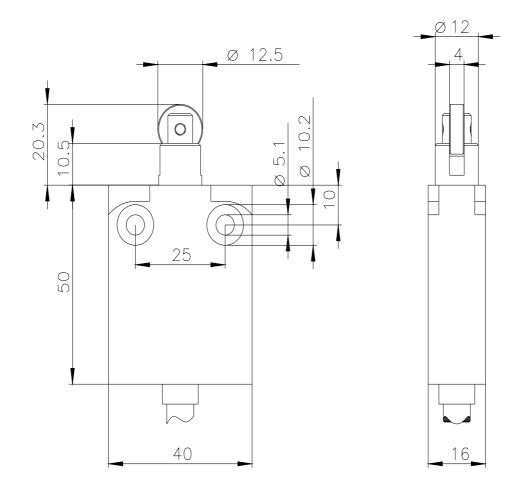
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5423-0CD20-1EA2

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SE5423-0CD20-1EA2

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5423-0CD20-1EA2&lang=en



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