SIEMENS

Data sheet

3SE5112-0CC02-1AJ0



Position switch Metal enclosure 40 mm according to EN 50041 Device connection 1x (M20 x 1.5) 1 NO/1 NC quick action contacts with rounded plunger Stainless steel plunger with 3 mm Overtravel functional at -40 $^{\circ}\text{C}$ Shock and vibration test according to EN 61373, Category 1B

product type designation product type designation manufacturer's article number of the supplied basic switch of the supplied switching contacts suitability for use safety switch product function positive opening insulation voltage rated value degree of pollution surge voltage resistance rated value protection class IP shock resistance according to IEC 60068-2-27 of for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current material of the enclosure of the switch head reference code according to IEC 81346-2 continuous current of the C characteristic MCB continuous current of the Quick DIAZED fuse link continuous current of the DIAZED fuse link G active principle mechanical repeat accuracy Substance Prohibitance (Date) 7/701/2006
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continuous current of the DIAZED fuse link gG 6 A active principle mechanical repeat accuracy 0.05 mm
active principle mechanical repeat accuracy 0.05 mm
repeat accuracy 0.05 mm
Substance Prohibitance (Date) 07/01/2006
minimum actuating force in directions of actuation 20 N
length of the sensor 103.5 mm
width of the sensor 40 mm
Ambient conditions
ambient temperature
● during operation -40 +85 °C
◆ during storage -40 +90 °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

number of NO contacts for auxiliary contacts	1
operational current at AC-15	
• at 24 V rated value	6 A
• at 125 V rated value	6 A
• at 240 V rated value	6 A
• at 400 V rated value	4 A
operational current at DC-13	
• at 24 V rated value	3 A
• at 125 V rated value	0.55 A
• at 250 V rated value	0.27 A
• at 400 V rated value	0.12 A
Enclosure	
design of the housing	block, narrow
material of the enclosure	metal
coating of the enclosure	cathodic dip coating
design of the housing according to standard	Yes
Drive Head	
design of the actuating element	Rounded plunger, high-grade steel plunger
standard-compliant actuator head	EN 50041, design B
shape of the switch head	rounded
design of the switching function	positive opening
circuit principle	snap-action contacts
number of switching contacts safety-related	1
cable entry type	1x (M20 x 1.5)
Installation/ mounting/ dimensions	
mounting position	any
fastening method	screw fixing
Connections/ Terminals	
type of electrical connection	screw-type terminals
type of connectable conductor cross-sections	
• solid	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)
 finely stranded with core end processing 	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)
 for AWG cables solid 	1x (20 16), 2x (20 18)
for AWG cables stranded	1x (20 16), 2x (20 18)
design of the interface for safety-related communication	without
Communication/ Protocol	
design of the interface	without
Certificates/ approvals	
	William

General Product Approval







Confirmation





General Product Approval

Test Certificates

other



Type Test Certificates/Test Report

Type Test Certificates/Test Report

Confirmation

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,...)

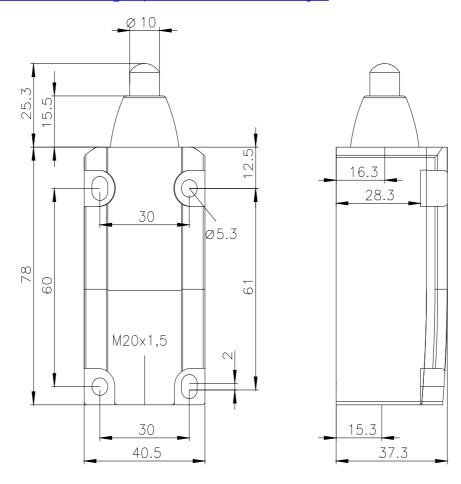
https://www.siemens.com/ic10

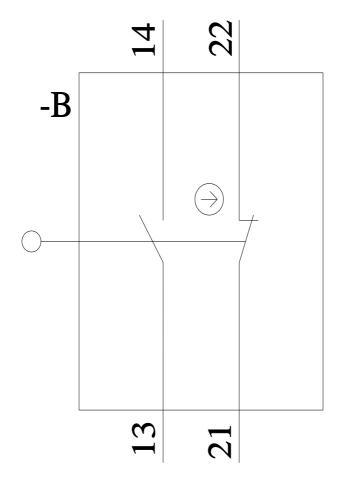
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5112-0CC02-1AJ0

Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5112-0CC02-1AJ0
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SE5112-0CC02-1AJ0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5112-0CC02-1AJ0&lang=en





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