Data sheet 3SE5112-0LD02-1AJ0



Position switch with roller plunger, Metal, 40 mm, according to EN 50041 Increased corrosion protection Device connection 1 x (M20 x 1.5) 1 NO/2 NC quick action contacts functional at -40 $^{\circ}$ C Shock and vibration test according to EN 61373, Category 1B

product brand name	SIRIUS
product designation	Mechanical position switches
product type designation	3SE5
manufacturer's article number	
 of the supplied switching contacts 	3SE5000-0LA00
suitability for use safety switch	Yes
General technical data	
product function positive opening	Yes
insulation voltage rated value	400 V
degree of pollution	class 3
surge voltage resistance rated value	6 kV
protection class IP	IP66/IP67
shock resistance	
 according to IEC 60068-2-27 	30g / 11 ms
 for railway applications according to EN 61373 	Category 1, Class B
vibration resistance according to IEC 60068-2-6	0.35 mm/5g
mechanical service life (operating cycles) typical	15 000 000
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
continuous current of the C characteristic MCB	1 A; for a short-circuit current smaller than 400 A
continuous current of the quick DIAZED fuse link	10 A; for a short-circuit current smaller than 400 A
continuous current of the DIAZED fuse link gG	6 A
active principle	mechanical
repeat accuracy	0.05 mm
Substance Prohibitance (Date)	07/01/2006
minimum actuating force in directions of actuation	20 N
length of the sensor	116.3 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	2
number of NO contacts for auxiliary contacts	1

	operational current at AC-15	
e at 240 V rated value e at 400 V rated value 4 A operational current at DC-13 e at 240 V rated value 3 A e at 250 V rated value 0.55 A e at 250 V rated value 0.12 A eat 400 V rated value 0.12 A eat 50 V rated value 0.12 A eat 400 V rated value 0.12 A eat 400 V rated value 0.12 A eat 50 V rated value 0.12 A eat 60 V rat	at 24 V rated value	6 A
operational current at DC-13 • at 24 V rated value 3 A • at 250 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 metal coating of the enclosure cathodic dip coating design of the housing of the enclosure design of the enclosure Endough of the enclosure Endough of the enclosure Endough of the actuating element Endough	at 125 V rated value	6 A
at 24 V rated value 3. A 3.	at 240 V rated value	6 A
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• for AWG cables stranded 1x (20 16), 2x (20 18) design of the interface for safety-related communication without Communication/ Protocol	 finely stranded with core end processing 	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)
design of the interface for safety-related communication without Communication/ Protocol	 for AWG cables solid 	
Communication/ Protocol	for AWG cables stranded	1x (20 16), 2x (20 18)
		without
design of the interface without	Communication/ Protocol	
	design of the interface	without

General Product Approval

Functional Safety/Safety of Machinery



Confirmation







Type Examination Cer-

Declaration of Conformity

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

ns.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

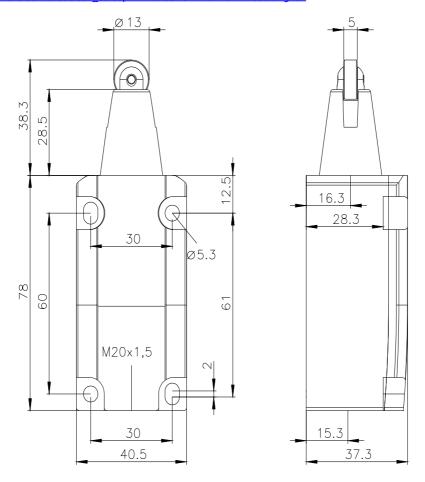
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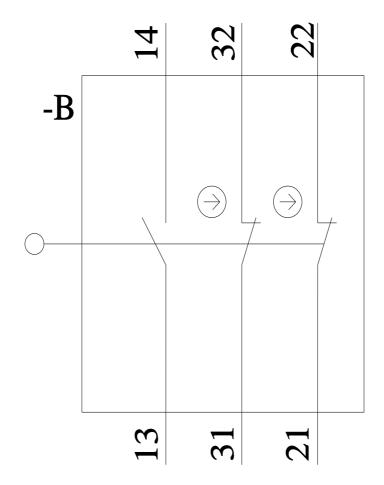
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