SIEMENS

Data sheet

3SE5232-0HD10



Position switch Plastic enclosure according to EN 50047, 31 mm Device connection 1 x (M20 x 1.5) 1 NO/1 NC quick action contacts integrated (not replaceable) Roller plunger with central mounting and Plastic roller 10 mm

product brand name	SIRIUS
product designation	Mechanical position switches
product type designation	3SE5
manufacturer's article number	
 of the supplied actuator head for position switches 	<u>3SE5000-0AD10</u>
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	IP65
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	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	plastic
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
SVHC substance name	Imidazolidin-2-thion - 96-45-7
minimum actuating force in directions of actuation	20 N
length of the sensor	110.4 mm
width of the sensor	31 mm
Ambient conditions	
ambient temperature	
during operation	-25 +85 °C
during operationduring storage	-25 +85 °C -40 +90 °C
during storage	-40 +90 °C
during storage explosion protection category for dust	-40 +90 °C none

number of NO contacts for auxiliary contacts	1	
operational current at AC-15		
at 24 V rated value	6 A	
 at 120 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	plastic	
coating of the enclosure	Other types	
design of the housing according to standard	Yes	
Drive Head		
design of the actuating element	Roller plunger, central fixing, plastic roller	
standard-compliant actuator head		
•	EN 50047, design C	
shape of the switch head	roller	
design of the switching function	positive opening, integrated	
circuit principle	snap-action contacts	
number of switching contacts safety-related	1	
cable entry type	1x (M20 x 1.5)	
nstallation/ 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 mm ²), 2x (0.5 0.75 mm ²)	
finely stranded with core end processing	1x (0.5 1.5 mm ²), 2x (0.5 0.75 mm ²)	
• 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		_
General Product Approval		Functional Safety/Safety of Ma chinery
Confirmation (CCC		<u>Type Examination Cer</u> <u>tificate</u>
Declaration of Conformity Test Certific	cates other	
UK CE ates/Test f		

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

https://press.siem m/global/en/pressrelease/siemens-windvn-russian-business ens

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

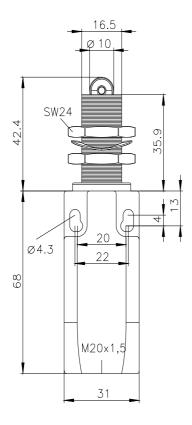
Industry Mall (Online ordering system)

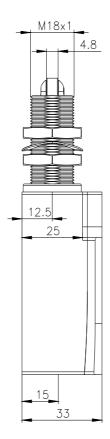
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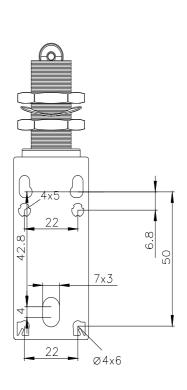
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5232-0HD10

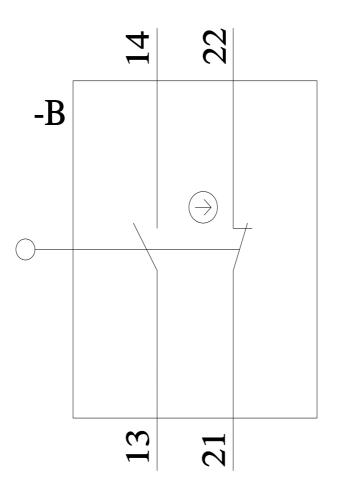
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SE5232-0HD10

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5232-0HD10&lang=en









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