SIEMENS

Data sheet

3SE5232-0BD03



Position switch Plastic enclosure according to EN 50047, 31 mm Device connection 1 x (M20 x 1.5) 1 NO/1 NC slow-action contacts Roller plunger, Form C with 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>3SE5000-0AD03</u>
 of the supplied switching contacts 	<u>3SE5000-0BA00</u>
 of the supplied empty enclosure with cover 	<u>3SE5232-0AC05</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
minimum actuating force in directions of actuation	20 N
length of the sensor	86 mm
width of the sensor	31 mm
Ambient conditions	
ambient temperature	
 during operation 	-25 +85 °C
during storage	-40 +90 °C
explosion protection category for dust	none
design of the switching contact	mechanical 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 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	0.1277		
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, plastic roller		
standard-compliant actuator head	EN 50047, design C		
shape of the switch head	roller		
design of the switching function	positive opening slow-action contacts 1		
circuit principle			
number of switching contacts safety-related			
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 mm²), 2x (0.5 0.75 mm²)		
 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	without		
design of the interface	without		
Certificates/ approvals			
General Product Approval		Functional Safety/Safety of Ma- chinery	
Confirmation Confirmation	۹. EHC	<u>Type Examination Cer</u> tificate	
Declaration of Conformity Test Certificat	es other		
UK CACE EG-Konf.Type Test Certific- ates/Test ReportConfirmation			

Further information

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=3SE5232-0BD03

Cax online generator

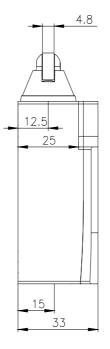
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5232-0BD03

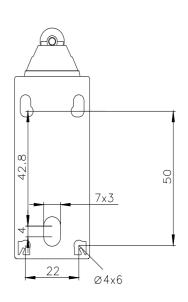
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

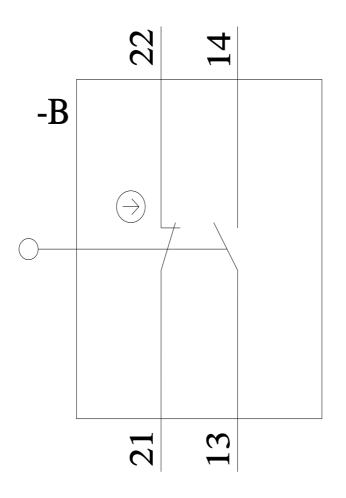
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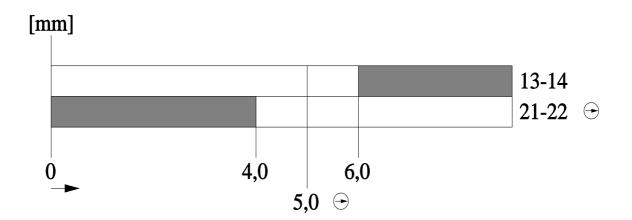
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5232-0BD03&lang=en

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