SIEMENS

Data sheet

3SE5132-0QV20



Safety position switch with separate actuator Plastic enclosure 40 mm 1 x (M20 x 1.5) Slow-action contacts 1 NO+2 NC 5 directions of approaches The matching separate actuator 3SE5000-0AV0. must be ordered separately

product brand name	SIRIUS	
product designation	Mechanical safety switches	
product type designation	3SE5	
manufacturer's article number		
 of the optional actuators 	3SE5000-0AV01 standard actuator, 3SE5000-0AV02 actuator with vertical mounting, 3SE5000-0AV03 actuator with horizontal mounting, 3SE5000-0AV04 radius actuator left, 3SE5000-0AV05 universal actuator, 3SE5000-0AV06 radius actuator right, 3SE5000-0AV07 heavy-duty actuator, 3SE5000-0AW11 plastic actuator, 3SE5000-0AW21 stainless steel actuator	
 of the supplied empty enclosure with cover 	<u>3SE5132-0AA00</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	IP66/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	1 000 000	
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; for a short-circuit current smaller than 400 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	110 mm	
width of the sensor	40 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	
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			
at 24 V rated value	6 A		
at 120 V rated value	6 A		
at 240 V rated value	4 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	without		
design of the switching function	positive opening		
circuit principle	slow-action contacts		
number of switching contacts safety-related	2		
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		
Safety related data			
B10 value with high demand rate according to SN 31920	1 000 000		
proportion of dangerous failures with high demand rate	20 %		
according to SN 31920			
Certificates/ approvals			
General Product Approval		Functional Safety/Safety of Ma- chinery	
		<u>Type Examination Cer-</u> <u>tificate</u>	
Declaration of Conformity other			
CE UK Confirma EG-Konf.	tion		
Further information Siemens has decided to exit the Russian market (see here).			

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

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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)

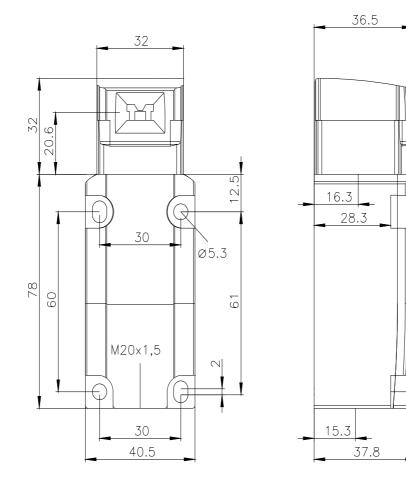
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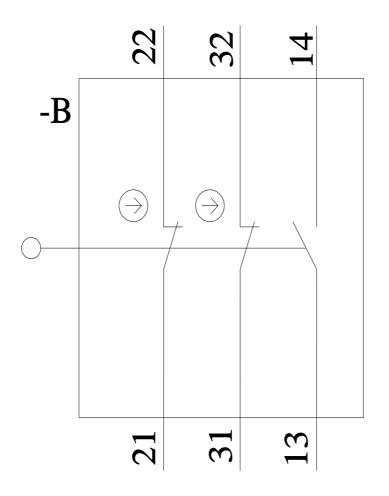
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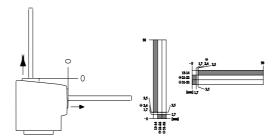
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5132-0QV20

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SE5132-0QV20

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5132-0QV20&lang=en









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