SIEMENS

Data sheet 3SE5232-0MC05



position switch plastic enclosure according to DIN EN 50047, 31 mm device connection 1 x (M20 x 1.5) 1 NO/2 NC slow-action contacts with make-before-break rounded plunger form B

product brand name	SIRIUS
product designation	Mechanical position switches
product type designation	3SE5
manufacturer's article number	
 of the supplied switching contacts 	3SE5000-0MA00
of the supplied empty enclosure with cover	3SE5232-0AC05
suitability for use safety switch	Yes
General technical data	
product function positive opening	Yes
insulation voltage rated value	250 V
degree of pollution	class 3
surge voltage resistance rated value	4 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	75.7 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
operating frequency rated value	50 60 Hz
number of NC contacts for auxiliary contacts	2

at 24 V rated value at 240 V rated value at 240 V rated value at 240 V rated value at 400 V rated value at 400 V rated value operational current at DC-13 at 24 V rated value at 125 V rated value at 250 V rated value at 400 V rated value	6 A 6 A 6 A 4 A	
at 120 V rated value at 240 V rated value at 400 V rated value operational current at DC-13 at 24 V rated value at 125 V rated value at 250 V rated value	6 A 6 A 4 A	
at 240 V rated value at 400 V rated value operational current at DC-13 at 24 V rated value at 125 V rated value at 250 V rated value	6 A 4 A	
at 400 V rated value operational current at DC-13 at 24 V rated value at 125 V rated value at 250 V rated value	4 A	
operational current at DC-13		
 at 24 V rated value at 125 V rated value at 250 V rated value 	3 A	
at 125 V rated valueat 250 V rated value	3 A	
• at 250 V rated value		
	0.55 A	
at 400 V rated value	0.27 A	
■ at 700 v rateu value	0.12 A	
nclosure		
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	
rive Head	<u></u>	
design of the actuating element	Rounded plunger, plastic plunger	
standard-compliant actuator head	EN 50047, design B	
shape of the switch head	rounded	
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)	
stallation/ mounting/ dimensions		
mounting position	any	
fastening method	screw fixing	
onnections/ 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	
ommunication/ Protocol		
design of the interface	without	
ertificates/ approvals		

General Product Approval

Functional Safety/Safety of Ma-chinery



Confirmation







Type Examination Cer-tificate

Declaration of Conformity

Test Certificates

other





Type Test Certificates/Test Report

Confirmation

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

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

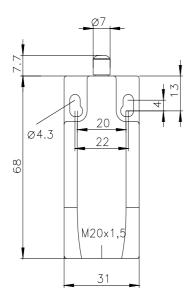
Industry Mall (Online ordering system)

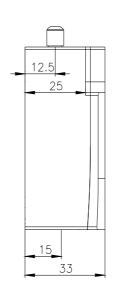
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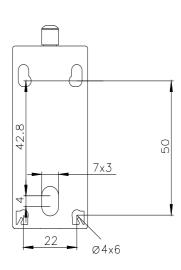
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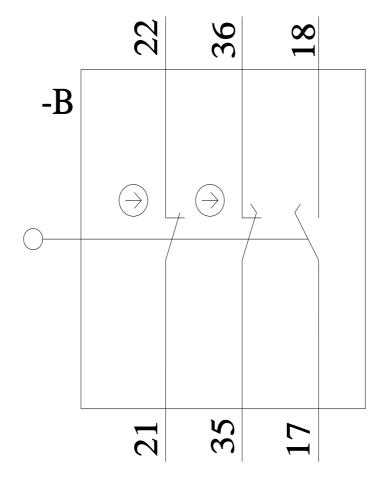
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SE5232-0MC05

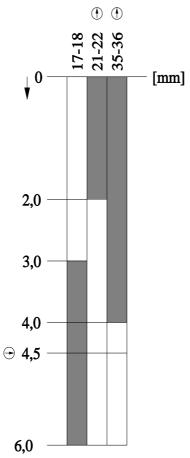
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5232-0MC05&lang=en











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