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 function positive opening insulation voltage rated value degree of pollution class 3 surge voltage resistance rated value 4 kV protection class IP protection class IP shock resistance according to IEC 60068-2-27 30g / 11 ms vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical typical thermal current 10 A material of the enclosure of the switch head plastic reference code according to IEC 81346-2 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 continuous current of the DIAZED fuse link gG 6 A active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) SVHC substance name minimum actuating force in directions of actuation 20 N length of the sensor 31 mm	product brand name	SIRIUS
manufacturer's article number of the supplied switching contacts of the supplied empty enclosure with cover suitability for use safety switch substitution positive opening insulation voltage rated value degree of pollution surge voltage resistance rated value a cacording to IEC 60068-2-7 vibration resistance a cacording to IEC 60068-2-7 vibration resistance a cacording to IEC 60068-2-8 machanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current material of the enclosure of the switch head reference code according to IEC 81346-2 continuous current of the Qtha Diazeb fuse link continuous current of the C characteristic MCB continuous current of the DIAZED fuse link continuous current of the DIAZED fuse link of 20 Ar (or a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link of 20 Ar (or a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link of 20 Ar (or a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link of 20 Ar (or a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link of 20 Ar (or a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link of 20 Ar (or a short-circuit current smaller than 400 A continuous current of the duck DIAZED fuse link of 20 Ar (or a short-circuit current smaller than 400 A continuous current of the continuous current of the duck DIAZED fuse link of 20 Ar (or a short-circuit current smaller than 400 A continuous current of the sensor substance Prohibitance (Date) 31 mm minimum actuating force in directions of actuation length of the sensor 4 during storage 4 during storage 4 during storage 4 during storage 5 during storage 6 during storage 7 during storage	product designation	Mechanical position switches
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suitability for use safety switch Product function positive opening insulation voltage rated value 250 V degree of pollution class 3 surge voltage resistance rated value according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-26 mechanical service life (operating cycles) typical thermal current 10 A material of the enclosure of the switch head reference code according to IEC 81346-2 sontinuous current of the C characteristic MCB active principle repeat accurracy Substance Prohibitance (Date) substance Prohibitance (Date) wind the sensor wind to the s	of the supplied switching contacts	3SE5000-0MA00
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product function positive opening insulation voltage rated value 250 V degree of pollution class 3 surge voltage resistance rated value 4 kV protection class IP IP65 shock resistance	suitability for use safety switch	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) typical 15 000 000 electrical endurance (operating cycles) at AC-15 at 230 V typical 100 000 typical 100 000 typical 100 000 material of the enclosure of the switch head plastic reference code according to IEC 61346-2 B continuous current of the C characteristic MCB 1A; 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 20 0.05 mm continuous current of the DIAZED fuse link 30 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 31 mm continuous current conditions ambient temperature during operation 25 +85 °C current of cutrent category for dust 50 mone explosion protection category for dust 50 mone design of the switching contact 50 mechanical 50 mone	General technical data	
degree of pollution class IP surger voltage resistance rated value 4 kV protection class IP IP65 shock resistance	product function positive opening	Yes
surge voltage resistance rated value 4 kV protection class IP shock resistance • according to IEC 60068-2-27 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 20 clectrical endurance (operating cycles) at AC-15 at 230 V typical 30 0000 electrical endurance (operating cycles) at AC-15 at 230 V typical 30 0000 electrical endurance (operating cycles) at AC-15 at 230 V typical 30 0000 electrical endurance (operating cycles) at AC-15 at 230 V typical 30 0000 electrical endurance (operating cycles) at AC-15 at 230 V typical 30 0000 electrical endurance (operating cycles) at AC-15 at 230 V typical 30 0000 electrical endurance (operating cycles) at AC-15 at 230 V typical 30 0000 electrical endurance (operating cycles) at AC-15 at 230 V typical 30 0000 electrical endurance (operating cycles) at AC-15 at 230 V typical 30 0000 effection active princip 4 Bacteriate MCB 4 1A; for a short-circuit current smaller than 400 A 4 0000 continuous current of the C characteristic MCB 4 1A; for a short-circuit current smaller than 400 A 4 0000 continuous current of the DIAZED fuse link 4 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit curr	insulation voltage rated value	250 V
protection class IP IP65 shock resistance	degree of pollution	class 3
shock resistance	surge voltage resistance rated value	4 kV
* according to IEC 60068-2-27 vibration resistance * according to IEC 60068-2-6 mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current 10 A material of the enclosure of the switch head plastic reference code according to IEC 81346-2 B continuous current of the C characteristic MCB 1 A; for a short-circuit current smaller than 400 A continuous current of the plazeb fuse link continuous current of the DIAZED fuse link continuous current of the DIAZED fuse link continuous current of the DIAZED fuse link g 6 A active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) SVHC substance name minimum actuating force in directions of actuation vidth of the sensor ambient temperature • during operation • during storage • during storage • 40 +90 °C explosion protection category for dust mechanical	protection class IP	IP65
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material of the enclosure of the switch head reference code according to IEC 81346-2 B 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 75.7 mm width of the sensor width of the sensor 31 mm Ambient conditions ambient temperature oduring operation oduring storage explosion protection category for dust design of the switching contact mechanical		100 000
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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 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	continuous current of the quick DIAZED fuse link	10 A; for a short-circuit current smaller than 400 A
repeat accuracy Substance Prohibitance (Date) SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor 75.7 mm width of the sensor 31 mm Ambient conditions ambient temperature • during operation • during storage -40 +90 °C explosion protection category for dust design of the switching contact 0.05 mm 0.701/2006 1midazolidin-2-thion - 96-45-7 20 N 75.7 mm 31 mm -25 +85 °C -40 +90 °C mechanical	continuous current of the DIAZED fuse link gG	6 A
Substance Prohibitance (Date) SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor 75.7 mm width of the sensor 31 mm Ambient conditions ambient temperature • during operation • during storage -40 +90 °C explosion protection category for dust design of the switching contact 07/01/2006 Imidazolidin-2-thion - 96-45-7 20 N 75.7 mm 31 mm -25 +85 °C -40 +90 °C explosion protection category for dust none mechanical	active principle	mechanical
SVHC substance name Imidazolidin-2-thion - 96-45-7 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	repeat accuracy	0.05 mm
minimum actuating force in directions of actuation 20 N 1ength of the sensor 75.7 mm 31 mm Ambient conditions ambient temperature • during operation • during storage • during storage -40 +90 °C explosion protection category for dust design of the switching contact 20 N 75.7 mm 75.7	Substance Prohibitance (Date)	07/01/2006
length of the sensor width of the sensor 31 mm Ambient conditions ambient temperature	SVHC substance name	Imidazolidin-2-thion - 96-45-7
width of the sensor Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust design of the switching contact 31 mm -25 +85 °C -40 +90 °C mechanical	minimum actuating force in directions of actuation	20 N
Ambient conditions ambient temperature • during operation • during storage • during storage -40 +90 °C explosion protection category for dust design of the switching contact mechanical	length of the sensor	75.7 mm
ambient temperature • during operation • during storage	width of the sensor	31 mm
 during operation during storage +40 +90 °C explosion protection category for dust none design of the switching contact mechanical 	Ambient conditions	
● during storage -40 +90 °C explosion protection category for dust none design of the switching contact mechanical	ambient temperature	
explosion protection category for dust none design of the switching contact mechanical	 during operation 	-25 +85 °C
design of the switching contact mechanical	during storage	-40 +90 °C
	explosion protection category for dust	none
operating frequency rated value 50 60 Hz	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	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	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)	
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	
Certificates/ approvals		
General Product Approval		Functional Safety/Safety of Ma-



Confirmation







Type Examination Certificate

chinery

Declaration of Conformity

Test Certificates

other





Type Test Certificates/Test Report

Confirmation

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

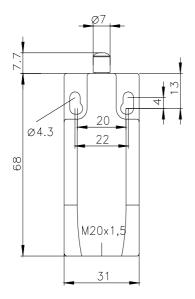
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5232-0MC05

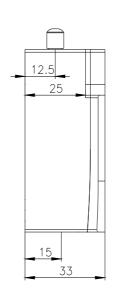
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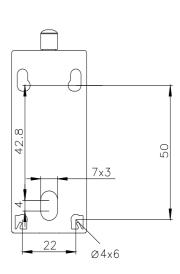
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5232-0MC05

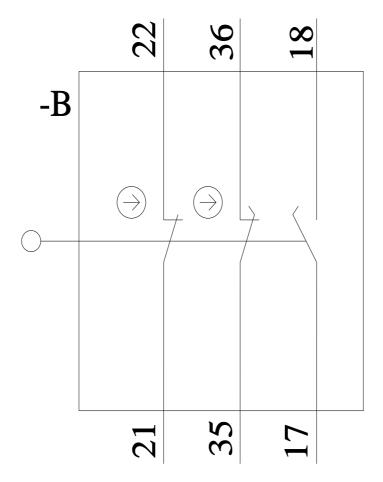
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

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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