SIEMENS

Data sheet 3SE5132-0BC03



Position switch Plastic enclosure 40 mm according to EN 50041 Device connection $1x \, (M20 \, x \, 1.5) \, 1 \, NO/1 \, NC$ slow-action contacts Rounded plunger made of plastic

product type designation product type designation product type designation product type designation • of the supplied basic switch • of the supplied basic switch • of the supplied switch groatest • of the supplied witching contacts • of the supplied witching contacts • of the supplied witching contacts • of the supplied witching contacts • of the supplied witching contact • of the	product brand name	SIRIUS
manufacturer's article number of the supplied basic switch of the supplied switch head for position switches of the supplied actual head for position switches of the supplied empty enclosure with cover of the supplied empty enclosure with cover of the supplied empty enclosure with cover statistics of the switch lead protection class IP stock resistance excording to IEC 60068-2-27 supplied in the switch of the switch resistance according to IEC 60068-2-6 according to IEC 60068-2-7 supplied in the switch resistance according to IEC 60068-2-6 according to IEC 60068-2-7 supplied in the switch resistance according to IEC 60068-2-8 because of the switch head plastic reference code according to IEC 81348-2 B continuous current of the Characteristic MCB 1 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link and so in the supplied in the suppli	product designation	Mechanical position switches
of the supplied actuator head for position switches of the supplied actuator head for position switches of the supplied switching contacts suitability for use safety switch Ceneral technical data product function positive opening Yes insulation voltage rated value degree of pollution class 3 surge voltage resistance rated value defere of pollution class 3 surge voltage resistance rated value in the surge voltage resistance rated value in the surge voltage resistance according to IEC 60068-2-7 shock resistance according to IEC 60068-2-7 vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) at AC-15 at 230 V vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) at AC-15 at 230 V typical thermal current	product type designation	3SE5
of the supplied actuator head for position switches of the supplied switching contacts of the supplied empty enclosure with cover suitability for use safety switch Poseral technical data product function positive opening insulation voltage rated value degree of pollution dess 3 surge voltage resistance rated value	manufacturer's article number	
of the supplied empty enclosure with cover 35E5132-0AA00 of the supplied empty enclosure with cover 35E5132-0AA00 suitability for use safety switch Yes Ceneral technical data product function positive opening Yes Insulation voltage rated value 400 V degree of pollution class 3 surge voltage resistance rated value 6 kW protection class IP IP66/IP67 shock resistance	 of the supplied basic switch 	3SE5132-0BA00
of the supplied empty enclosure with cover suitability for use safety switch Product function positive opening product function positive opening Pyes Insulation voltage rated value degree of pollution deass 3 surge voltage resistance rated value dere of pollution class 3 surge voltage resistance rated value protection class IP protection class IP protection class IP shock resistance	 of the supplied actuator head for position switches 	3SE5000-0AC03
suitability for use safety switch General technical data product function positive opening	 of the supplied switching contacts 	3SE5000-0BA00
General technical data product function positive opening insulation voltage rated value degree of pollution class 3 surge voltage resistance rated value 6 kV 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 lelectrical endurance (operating cycles) 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 quick DIAZED fuse link continuous current of the DIAZED fuse link gG active principle mechanical repeat accuracy 0.05 mm Substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation 20 N length of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage -40 +90 °C explosion protection category for dust		3SE5132-0AA00
product function positive opening Pes	suitability for use safety switch	Yes
Insulation voltage rated value degree of pollution class 3 surge voltage resistance rated value 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 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 quick DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link G 6 A active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) O7/01/2006 SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage 40 +90 °C explosion protection category for dust	General technical data	
degree of pollution class 3 surge voltage resistance rated value 6 kV protection class IP IP66/IP67 shock resistance	product function positive opening	Yes
surge voltage resistance rated value protection class IP shock resistance • 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 continuous current of the PulAZED fuse link tontinuous current of the DIAZED fuse link gG active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) SVHC substance name limidazoildin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust	insulation voltage rated value	400 V
protection class IP shock resistance 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 continuous current of the quick DIAZED fuse link continuous current of the DIAZED fuse link continuous current of the DIAZED fuse link continuous current of the DIAZED fuse link gG active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor 40 mm Ambient conditions ambient temperature during operation -25 +85 °C -40 +90 °C explosion protection category for dust	degree of pollution	class 3
shock resistance	surge voltage resistance rated value	6 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 ttermal current ttermal 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 pliAZED 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 minimum actuating force in directions of actuation length of the sensor width of the sensor 40 mm Ambient conditions ambient temperature during operation -25 +85 °C during storage explosion protection category for dust	protection class IP	IP66/IP67
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 quick DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link G 6 A active principle repeat accuracy 0.05 mm Substance Prohibitance (Date) SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor width of the sensor 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	shock resistance	
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 reference code according to IEC 81346-2 B continuous current of the C characteristic MCB 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 10 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link 0 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link gG 6 A active principle 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 40 mm Ambient conditions ambient temperature • during operation -25 +85 °C • during storage explosion protection category for dust none	• according to IEC 60068-2-27	30g / 11 ms
electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current 10 A 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 continuous current of the DIAZED fuse link (6 A) active principle repeat accuracy Substance Prohibitance (Date) SYHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor width of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust	vibration resistance according to IEC 60068-2-6	0.35 mm/5g
thermal current thermal current 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 repeat accuracy 0.05 mm Substance Prohibitance (Date) SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust	mechanical service life (operating cycles) typical	15 000 000
material of the enclosure of the switch head reference code according to IEC 81346-2 B continuous current of the C characteristic MCB continuous current of the quick DIAZED fuse link to A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link gG active principle 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 width of the sensor width of the sensor ### Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust ### Ambient category for dust plastic ### As or a short-circuit current smaller than 400 A 10 A; for		100 000
reference code according to IEC 81346-2 continuous current of the C characteristic MCB continuous current of the quick DIAZED fuse link continuous current of the quick DIAZED fuse link continuous current of the DIAZED fuse link gG active principle repeat accuracy Substance Prohibitance (Date) SYHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor identify the sensor Ambient conditions ambient temperature o during operation other in the sensor of the C characteristic MCB 1 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit cur	thermal current	10 A
continuous current of the C characteristic MCB continuous current of the quick DIAZED fuse link continuous current of the quick DIAZED fuse link gG continuous current of the DIAZED fuse link gG active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor width of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust	material of the enclosure of the switch head	plastic
continuous current of the quick DIAZED fuse link continuous current of the DIAZED fuse link gG active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor width of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust 10 A; for a short-circuit current smaller than 400 A 6 A Ambient current smaller than 400 A 6 A 6 A 6 A 6 A 8 A 8 C 4 O M 9 C 10 S T M 10 A; for a short-circuit current smaller than 400 A 6 A 8 A 9 A 9 C 10 A 10 A; for a short-circuit current smaller than 400 A 10 A	reference code according to IEC 81346-2	В
continuous current of the DIAZED fuse link gG active principle repeat accuracy 0.05 mm Substance Prohibitance (Date) 5VHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation length of the sensor width of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust 6 A A C A C A C A C A C A C B C A C B C A C B C B	continuous current of the C characteristic MCB	1 A; for a short-circuit current smaller than 400 A
active principle 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 103.5 mm width of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust mechanical mechanical mechanical mechanical mechanical none	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 vidth of the sensor 40 mm Ambient conditions ambient temperature during operation during storage explosion protection category for dust 0.05 mm 07/01/2006 1midazolidin-2-thion - 96-45-7 103.5 mm 40 mm 40 mm	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 vidth of the sensor 40 mm Ambient conditions ambient temperature during operation during storage explosion protection category for dust or vidtance (Date) 107/01/2006 20 N 40 mm 40 mm 40 mm -25 +85 °C -40 +90 °C explosion protection category for dust	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 width of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust Imidazolidin-2-thion - 96-45-7 20 N 40 mm 40 mm	repeat accuracy	0.05 mm
minimum actuating force in directions of actuation length of the sensor width of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust 20 N 103.5 mm 40 mm 40 mm	Substance Prohibitance (Date)	07/01/2006
length of the sensor width of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage • during storage explosion protection category for dust 103.5 mm 40 mm -25 +85 °C -40 +90 °C	SVHC substance name	Imidazolidin-2-thion - 96-45-7
width of the sensor Ambient conditions ambient temperature • during operation • during storage • during storage explosion protection category for dust • during	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 none	length of the sensor	103.5 mm
ambient temperature ● during operation -25 +85 °C • during storage -40 +90 °C explosion protection category for dust none	width of the sensor	40 mm
 during operation -25 +85 °C during storage -40 +90 °C explosion protection category for dust none 	Ambient conditions	
● during storage -40 +90 °C explosion protection category for dust none	ambient temperature	
explosion protection category for dust none	during operation	-25 +85 °C
	during storage	-40 +90 °C
design of the switching contact mechanical	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	1
number of NO contacts for auxiliary contacts	1
operational current at AC-15	
at 24 V rated value	6 A
at 125 V rated value	6 A
at 240 V rated value	6 A
at 400 V rated value	4 A
operational current at DC-13	- 7.7
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	CHER
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 50041, 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	1
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	

General Product Approval







Confirmation





General Product Approval

other



Confirmation

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

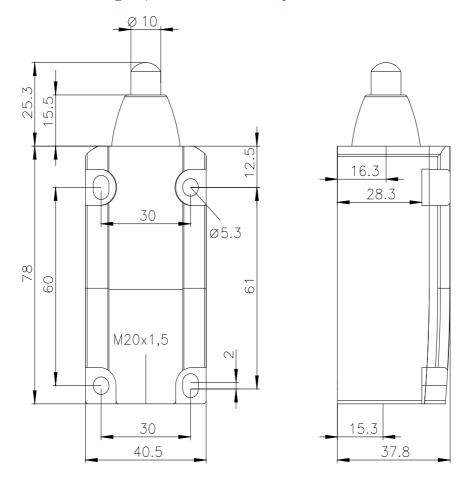
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5132-0BC03

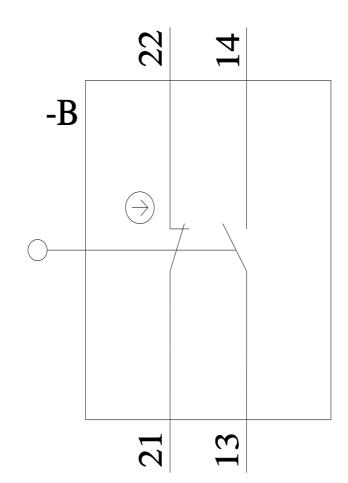
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5132-0BC03

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=3SE5132-0BC03&lang=en





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