SIEMENS

Data sheet 3SE5060-0BA00



Contact block for position switch 3SE5162 Mounting position on the right in the switch 1 NO/1 NC slow-action contact

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 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 reference code according to IEC 81346-2 continuous current of the C characteristic MCB accontinuous current of the quick DIAZED fuse link continuous current of the DIAZED fuse link gG active principle repeat accuracy view of the value of	product brand name	SIRIUS
product function positive opening Yes A00 V A00 V	product designation	contact
product function positive opening Yes insulation voltage rated value 400 V degree of pollution surge voltage resistance rated value 6kV protection class IP shock resistance • according to IEC 60068-2-27 30g / 11 ms vibration resistance • according to IEC 60068-2-27 30g / 11 ms vibration resistance • according to IEC 60068-2-8 0,35 mm/5g mechanical service IIfe (operating cycles) typical 15 000 000 electrical endurance (operating cycles) at AC-15 at 230 V typical electrical endurance (operating cycles) at AC-15 at 230 V typical electrical endurance (operating cycles) at AC-15 at 230 V typical electrical endurance (operating cycles) at AC-15 at 230 V typical electrical endurance (operating cycles) at AC-15 at 230 V typical electrical endurance (operating cycles) at AC-15 at 230 V typical electrical endurance (operating cycles) at AC-15 at 230 V typical electrical endurance (operating cycles) at AC-15 at 230 V typical electrical endurance (operating cycles) at AC-15 at 230 V typical electrical endurance (operating cycles) at AC-15 at 230 V typical electrical endurance (operating cycles) at AC-15 at 230 V typical electrical endurance (operating cycles) at AC-15 at 230 V typical electrical endurance (operating cycles) at AC-15 at 230 V typical electrical endurance (operating typical cycles) at AC-15 at 230 V typical electrical endurance (operating typical cycles) at AC-15 at 230 V typical electrical endurance (operating typical cycles) at AC-15 at 25 ms 45 r-c 40 mm 400 A continuous current of the Characteristic MCB	product type designation	3SE5
insulation voltage rated value 400 V degree of pollution class 3 surge voltage resistance rated value 6kV protection class IP IP00 shock resistance	General technical data	
degree of pollution class 3 surge voltage resistance rated value 6 kV protection class IP IPD0 shock resistance	product function positive opening	Yes
Surge voltage resistance rated value 6 kV	insulation voltage rated value	400 V
protection class IP shock resistance	degree of pollution	class 3
shock resistance a according to IEC 60068-2-27 vibration resistance a according to IEC 60068-2-6 0.35 mm/5g mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical thermal current 10 A reference code according to IEC 81346-2 S 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 (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 (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 (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 (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 (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 (10 A; for a short-circuit current smaller than 400 A continuous current at continuous current at 6.5 C explosion protection category for dust none operating frequency rated value et during operation et al 24 V rated value et 125 V rated value	surge voltage resistance rated value	6 kV
according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 belectrical endurance (operating cycles) typical according to IEC 81346-2 belectrical endurance (operating cycles) at AC-15 at 230 V typical thermal current 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 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 0.1 mm Substance Prohibitance (Date) width of the sensor 4 during operation during operation during operation during storage activing operation active principle cycles accuracy 3 mechanical repeat accuracy 40 +90 °C cyclosion protection category for dust none operating frequency rated value poperating frequency rated value 1 number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 at 24 V rated value	protection class IP	IP00
vibration resistance	shock resistance	
eacording 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 reference code according to IEC 81346-2 S continuous current of the C characteristic MCB 1 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 6 A active principle mechanical repeat accuracy 0.1 mm Substance Prohibitance (Date) width of the sensor Ambient conditions ambient temperature during operation during storage explosion protection category for dust operating frequency rated value number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 1 at 24 V rated value 6 A at 125 V rated value 6 A at 240 V rated value 6 A 6 A 4 A	• according to IEC 60068-2-27	30g / 11 ms
mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical 100 000 typical 100 000 typical 100 000 typical 100 000 terference code according to IEC 81346-2 S 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 0.1 mm Substance Prohibitance (Date) width of the sensor 25 mm Ambient conditions ambient temperature • during operation • during storage 40 +90 °C explosion protection category for dust none operating frequency rated value 50 60 Hz number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 operational current at AC-15 • at 24 V rated value • at 125 V rated value • at 125 V rated value • at 125 V rated value • at 240 V rated value • at 400 V rated value	vibration resistance	
electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current 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 10 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 0.1 mm Substance Prohibitance (Date) width of the sensor 25 mm Ambient conditions ambient temperature during operation during storage 40 +90 °C explosion protection category for dust none operating frequency rated value poperating frequency rated value number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 operational current at AC-15 e at 24 V rated value 6 A e at 125 V rated value 6 A e at 126 V rated value 6 A e at 440 V rated value 6 A e at 440 V rated value 6 A e at 400 V rated value 9 A e A 4 A	• according to IEC 60068-2-6	0.35 mm/5g
thermal current reference code according to IEC 81346-2 S 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 puick DIAZED fuse link gG active principle mechanical repeat accuracy 0.1 mm Substance Prohibitance (Date) width of the sensor Ambient conditions ambient temperature during operation during storage -40 +90 °C explosion protection category for dust none operating frequency rated value number of NC contacts for auxiliary contacts 1 operational current at AC-15 at 24 V rated value at 25 V rated value at 400 V rated value at 400 V rated value at 400 V rated value at 400 V rated value 4 A	mechanical service life (operating cycles) typical	15 000 000
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 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 0.1 mm Substance Prohibitance (Date) width of the sensor 25 mm Ambient conditions ambient temperature oluring operation operating frequency rated value operating frequency rated value number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts operational current at AC-15 oat 24 V rated value at 25 V rated value at 240 V rated value at 400 V rated value 4 A		100 000
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 mechanical repeat accuracy 0.1 mm Substance Prohibitance (Date) width of the sensor Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts • at 24 V rated value • at 25 V rated value • at 25 V rated value • at 240 V rated value • at 400 V rated value • 4 A	thermal current	10 A
continuous current of the quick DIAZED fuse link continuous current of the DIAZED fuse link gG active principle mechanical repeat accuracy 0.1 mm Substance Prohibitance (Date) width of the sensor 25 mm Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts operational current at AC-15 • at 24 V rated value • at 125 V rated value • at 400 V rated value • 4 A	reference code according to IEC 81346-2	S
continuous current of the DIAZED fuse link gG active principle mechanical repeat accuracy 0.1 mm Substance Prohibitance (Date) 07/01/2006 width of the sensor 25 mm Ambient conditions ambient temperature • during operation -25 +85 °C • during storage -40 +90 °C explosion protection category for dust none 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 240 V rated value 6 A • at 400 V rated value 4 A	continuous current of the C characteristic MCB	1 A; for a short-circuit current smaller than 400 A
active principle mechanical repeat accuracy 0.1 mm Substance Prohibitance (Date) 07/01/2006 width of the sensor 25 mm Ambient conditions ambient temperature • during operation -25 +85 °C • during storage -40 +90 °C explosion protection category for dust none 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 240 V rated value 6 A • at 240 V rated value 6 A • at 400 V rated value 4 A	continuous current of the quick DIAZED fuse link	10 A; for a short-circuit current smaller than 400 A
repeat accuracy Substance Prohibitance (Date) width of the sensor Ambient conditions ambient temperature • during operation • during storage • during storage explosion protection category for dust operating frequency rated value 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 • at 125 V rated value • at 240 V rated value • at 400 V rated value • 4 A	continuous current of the DIAZED fuse link gG	6 A
Substance Prohibitance (Date) width of the sensor Ambient conditions ambient temperature • during operation • during storage • during storage explosion protection category for dust operating frequency rated value number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts 1 operational current at AC-15 • at 24 V rated value • at 125 V rated value • at 240 V rated value • at 400 V rated value • 4 A	active principle	mechanical
width of the sensor Ambient conditions ambient temperature • during operation • during storage • during storage • during requency for dust none operating frequency rated value number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts 1 operational current at AC-15 • at 24 V rated value • at 125 V rated value • at 240 V rated value • at 240 V rated value • at 400 V rated value	repeat accuracy	0.1 mm
ambient temperature • during operation • during storage • during storage • during requency for dust operating frequency rated value number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts 1 operational current at AC-15 • at 24 V rated value • at 125 V rated value • at 240 V rated value • at 240 V rated value • at 400 V rated value	Substance Prohibitance (Date)	07/01/2006
ambient temperature • during operation • during storage • during storage explosion protection category for dust none operating frequency rated value number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts 1 operational current at AC-15 • at 24 V rated value • at 125 V rated value • at 240 V rated value • at 400 V rated value • 4 A	width of the sensor	25 mm
 during operation during storage 40 +90 °C explosion protection category for dust operating frequency rated value 50 60 Hz number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts operational current at AC-15 at 24 V rated value at 125 V rated value at 240 V rated value at 240 V rated value at 400 V rated value at 400 V rated value at 400 V rated value 	Ambient conditions	
 during storage -40 +90 °C explosion protection category for dust operating frequency rated value 50 60 Hz number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts operational current at AC-15 at 24 V rated value at 125 V rated value at 240 V rated value at 240 V rated value at 400 V rated value at 400 V rated value at 400 V rated value 	ambient temperature	
explosion protection category for dust operating frequency rated value number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts 1 operational current at AC-15 • at 24 V rated value • at 125 V rated value • at 240 V rated value • at 240 V rated value • at 400 V rated value • at 400 V rated value 4 A	 during operation 	-25 +85 °C
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	during storage	-40 +90 °C
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts operational current at AC-15 • at 24 V rated value • at 125 V rated value • at 240 V rated value • at 240 V rated value • at 240 V rated value • 4 A	explosion protection category for dust	none
number of NO contacts for auxiliary contacts operational current at AC-15 • at 24 V rated value • at 125 V rated value • at 240 V rated value • at 240 V rated value • at 400 V rated value 4 A	operating frequency rated value	50 60 Hz
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	number of NC contacts for auxiliary contacts	1
 at 24 V rated value at 125 V rated value at 240 V rated value at 400 V rated value at 400 V rated value 	number of NO contacts for auxiliary contacts	1
 at 125 V rated value at 240 V rated value at 400 V rated value 4 A 	operational current at AC-15	
 at 240 V rated value at 400 V rated value 4 A 	• at 24 V rated value	6 A
at 400 V rated value 4 A	• at 125 V rated value	6 A
	• at 240 V rated value	6 A
operational current at DC-13	at 400 V rated value	4 A
	operational current at DC-13	
• at 24 V rated value 3 A	• 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		
coating of the enclosure	Other types	
Drive Head		
design of the switching function	positive opening	
circuit principle	slow-action contacts	
number of switching contacts safety-related	1	
Installation/ mounting/ dimensions		
mounting position	any	
fastening method	snap-on mounting	
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



Confirmation









Functional Safety/Safety of Ma- chinery	Declaration of Conformity	other
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Type Examination Certificate





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=3SE5060-0BA00

Cax online generator

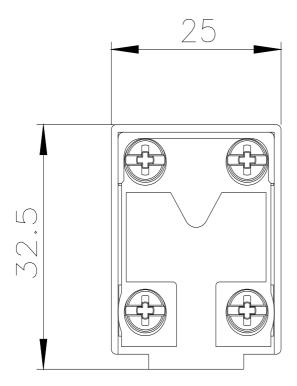
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SE5060-0BA00}$

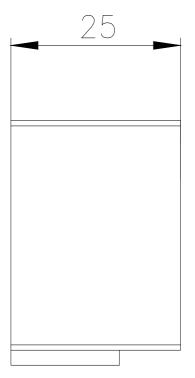
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

 $\underline{\text{https://support.industry.siemens.com/cs/ww/en/ps/3SE5060-0BA00}}$

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5060-0BA00&lang=en





last modified: 12/21/2020 🖸