SIEMENS

Data sheet

3SE5162-0CH12-1CC1



SIRIUS position switch Metal enclosure XL, 56 mm wide, with twist lever 27 mm made from Stainless steel, Stainless steel roller 19 mm, Device connection 3x(M20x1.5), Increased corrosion protection (increased corrosion protection) gold-plated contacts, 2x(1 NO/1 NC) Quick action contacts, IP66/IP67

product type designation product type designation of the supplied actuator head for position switches of the supplied actuator head for position switches of the supplied actuator head for position switches of the supplied deviation position switches of the supplied operating lever of the supplied switching contacts of the supplied dempty enclosure with cover of the supplied gently enclosure with cover of the supplied dempty enclosure with cover of the supplied operating enclosure with cover of the supplied operating enclosure with cover of the supplied operating enclosure of the switch head of the gentle operating enclosure of the switch head operating operating enclosure of the switch head ontinuous current of the Characteristic MCB ontinuous current of the Characteristic MCB ontinuous current of the Quick DIAZED fuse link of active principle mechanical ontinuous current of the pulazed fuse link g active principle mechanical ontinuous current of the sensor 149.5 mm width of the sensor 40 mg storage 40 mg s	product brand name	SIRIUS
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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 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 0 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 mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) 07/01/2006 minimum actuating torque in directions of actuation 10.3 N·m length of the sensor 49.5 mm width of the sensor 449.5 mm width of the sensor 440 +90 °C explosion protection category for dust none design of the switching contact mechanical	degree of pollution	class 3
shock resistance	surge voltage resistance rated value	6 kV
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active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) 07/01/2006 minimum actuating torque in directions of actuation 0.3 N·m length of the sensor 149.5 mm width of the sensor 56 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) minimum actuating torque in directions of actuation length of the sensor width of the sensor form Market Conditions ambient temperature oldering operation during storage design of the switching contact 0.05 mm 07/01/2006 0.3 N·m 149.5 mm 56 mm -25 +85 °C -25 +85 °C -40 +90 °C explosion protection category for dust mechanical	continuous current of the DIAZED fuse link gG	6 A
Substance Prohibitance (Date) minimum actuating torque in directions of actuation length of the sensor 149.5 mm width of the sensor 56 mm Ambient conditions ambient temperature • during operation • during storage explosion protection category for dust design of the switching contact 0.3 N·m 149.5 mm -25 mm -25 mm -25 m +85 °C -40 m +90 °C explosion protection category for dust mechanical	active principle	mechanical
minimum actuating torque in directions of actuation length of the sensor 149.5 mm width of the sensor 56 mm Ambient conditions ambient temperature • during operation • during storage -40 +90 °C explosion protection category for dust design of the switching contact 0.3 N·m 149.5 mm -25 +85 °C -40 +90 °C explosion protection category for dust mechanical	repeat accuracy	0.05 mm
length of the sensor width of the sensor Ambient conditions ambient temperature during operation during storage explosion protection category for dust design of the switching contact 149.5 mm 149.5 mm -25 +85 °C -25 +85 °C -40 +90 °C explosion protection category for dust mechanical	Substance Prohibitance (Date)	07/01/2006
width of the sensor Ambient conditions ambient temperature • during operation • during storage • during storage explosion protection category for dust design of the switching contact 56 mm -25 +85 °C -40 +90 °C explosion protection category for dust mechanical	minimum actuating torque in directions of actuation	0.3 N·m
Ambient conditions ambient temperature • during operation • during storage • during storage explosion protection category for dust design of the switching contact -25 +85 °C -40 +90 °C explosion protection category for dust mechanical	length of the sensor	149.5 mm
ambient temperature • during operation • during storage • during storage • adving storage • during storage • during storage • adving storage • advin	width of the sensor	56 mm
 during operation during storage +40 +90 °C explosion protection category for dust 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	2
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	
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
nclosure	
design of the housing	block, wide
material of the enclosure	metal
coating of the enclosure	cathodic dip coating
design of the housing according to standard	No
rive Head	
design of the actuating element	Twist lever, high-grade steel lever, 27 mm long, step 9 mm, high-grade st roller 19 mm
shape of the switch head	roller
design of the switching function	positive opening
circuit principle	snap-action contacts
number of switching contacts safety-related	2
cable entry type	3x (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	
	200
design of the interface	without

General Product Approval

Functional Safety/Safety of Machinery



Confirmation







Type Examination Certificate

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=3SE5162-0CH12-1CC1

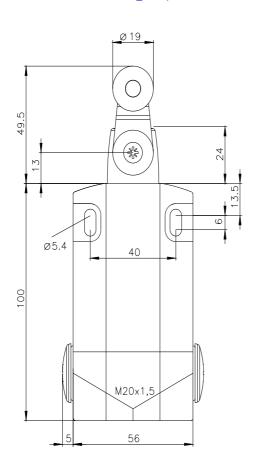
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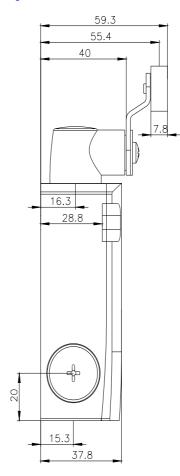
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5162-0CH12-1CC1

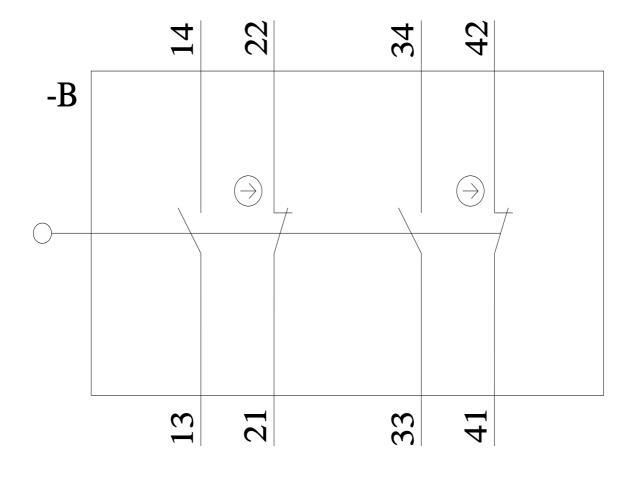
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

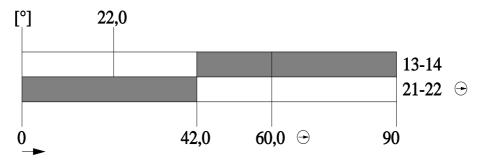
https://support.industry.siemens.com/cs/ww/en/ps/3SE5162-0CH12-1CC1

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5162-0CH12-1CC1&lang=en











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