SIEMENS

product brand name

Data sheet 3SE5322-0SB23

SIRIUS



Safety position switch with tumbler Locking force 1300 N 5 directions of approaches Solenoid-locked Magnet voltage 230 V AC Monitoring actuator 2 NC/1 NO Monitoring magnet 2 NC/1 NO The matching separate Actuator 3SE5000-0AV0 must be ordered separately

product brand name	SIRIUS	
product designation	Mechanical safety switches	
design of the product	with separate actuator and with tumbler	
product type designation	3SE5	
manufacturer's article number of the optional actuators	3SE5000-0AV01 standard actuator, 3SE5000-0AV02 actuator with vertical fixing, 3SE5000-0AV03 actuator with transverse fixing, 3SE5000-0AV04 radius actuator, approach from left, 3SE5000-0AV05 universal actuator, 3SE5000-0AV06 radius actuator, approach from right, 3SE5000-0AV07 Heavy Duty actuator, 3SE5000-0AW42 actuator with vertical fixing, stainless steel socket, 3SE5000-0AW43 actuator with transverse fixing, stainless steel socket, 3SE5000-0AW51 stainless steel actuator, 3SE5000-0AW52 stainless steel actuator with vertical fixing, 3SE5000-0AW53 stainless steel actuator with transverse fixing	
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	IP66/IP67	
shock resistance	30g / 11 ms	
• acc. to IEC 60068-2-27	30g / 11 ms	
vibration resistance	0.35 mm / 5g	
• acc. to IEC 60068-2-6	0.35 mm/5g	
mechanical service life (switching cycles) typical	1 000 000	
electrical endurance (switching cycles) with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 typical	1 000 000	
Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026	6 000	
thermal current	10 A	
material of the enclosure of the switch head	plastic	
reference code acc. 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; for a short-circuit current smaller than 400 A	
locking force	1 300 N	
• acc. to DIN EN ISO 14119	1 000 N	
repeat accuracy	0.05 mm	
Substance Prohibitance (Date)	01.10.2011 00:00:00	

	_	
consumed active power of magnet coil	4 W	
minimum actuating force in directions of actuation	30 N	
length of the sensor	185 mm	
width of the sensor	54 mm	
operational current at AC-15		
at 24 V rated value	6 A	
 at 120 V rated value 	6 A	
 at 240 V rated value 	3 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	
design of the interface for safety-related communication	without	
Enclosure		
design of the housing	special design	
material of the enclosure	plastic	
design of the housing acc. to standard	No	
Drive Head		
design of the actuating element	5 directions of approach	
design of the switching function	positive opening	
number of directions of actuation	5	
circuit principle	slow-action contacts	
number of switching contacts safety-related	4	
	4	
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)	
 at AWG cables solid 	1x (20 16), 2x (20 18)	
at AWG cables stranded	1x (20 16), 2x (20 18)	
Safety related data		
B10 value with high demand rate acc. to SN 31920	1 000 000	
proportion of dangerous failures with high demand rate acc. to SN 31920	50 %	
cable entry type	3 x (M20 x 1.5)	
locking mechanism design	magnetic field lock (open-circuit principle)	
Communication/ Protocol		
design of the interface	without	
Ambient conditions		
ambient temperature		
during operation	-25 +60 °C	
during operation during storage	-40 +80 °C	
explosion protection category for dust	none	
Supply voltage		
supply voltage of magnet coil	230 V	
Installation/ mounting/ dimensions	200 V	
· ·	any	
mounting position	any acrow fixing	
fastening method	screw fixing	
Certificates/ approvals		
General Product Approval		Functional Safety/Safety of Machinery











Type Examination Certificate UK Declaration of Conformity



Type Test Certificates/Test Report

Confirmation

Further information

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=3SE5322-0SB23

Cax online generator

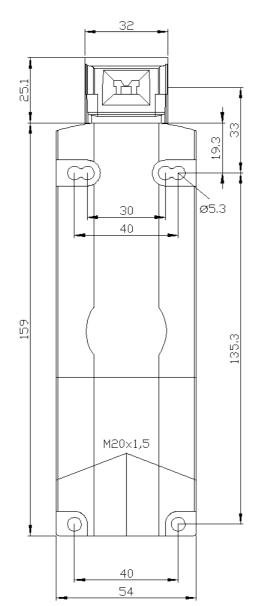
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5322-0SB23

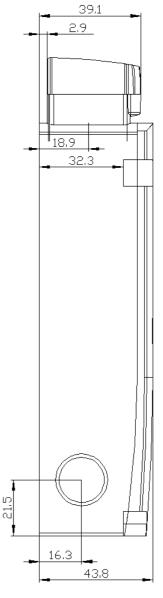
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

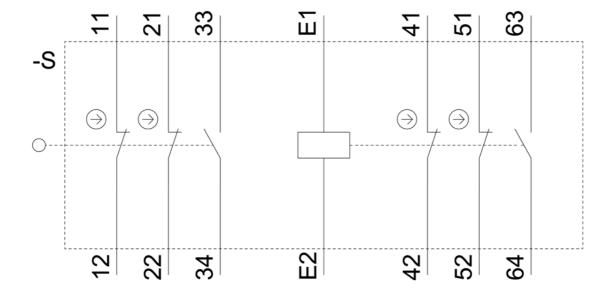
https://support.industry.siemens.com/cs/ww/en/ps/3SE5322-0SB23

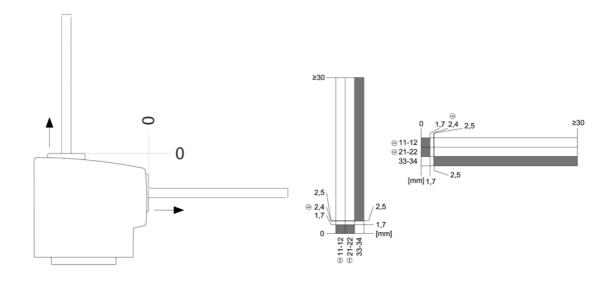
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5322-0SB23&lang=en









last modified: 12/21/2020 ☑