SIEMENS

Data sheet

3SU1100-5BF11-3FA0-Z Y12



key-operated switch Siemens, 22 mm, round, plastic, lock number SSG10, with 2 keys, 2 switch positions O-I, latching, 10:30h/13:30h, key removal O+I, with holder, 1 NO+1 NC, spring-loaded terminal, with laser labeling, lower case

product brand name	SIRIUS ACT	
product designation	Key-operated switches	
design of the product	Complete unit	
product type designation	3SU1	
product line	Plastic, black, 22 mm	
manufacturer's article number		
 of included key 	<u>3SU1950-0FP80-0AA0</u>	
 of supplied contact module 	<u>3SU1400-1AA10-3FA0</u>	
 of supplied contact module at position 1 	<u>3SU1400-1AA10-3FA0</u>	
 of the supplied holder 	<u>3SU1550-0AA10-0AA0</u>	
 of the supplied actuator 	<u>3SU1000-5BF11-0AA0</u>	
Enclosure		
shape of the enclosure front	round	
number of command points	1	
Actuator		
principle of operation of the actuating element	latching, 90° (10:30 h/13:30 h)	
product extension optional light source	No	
color of the actuating element	silver	
material of the actuating element	metal	
shape of the actuating element	Key	
outer diameter of the actuating element	29.5 mm	
marking of the actuating element	Any inscription, text in lower case	
number of contact modules	1	
number of switching positions	2	
switch position for key distraction	O+I	
actuating angle		
clockwise	90°	
lock make	CES	
key number	SSG10	
Front ring		
product component front ring	Yes	
design of the front ring	Standard	
material of the front ring	plastic	
color of the front ring	black	
Holder		
material of the holder	Plastic	
General technical data	General technical data	
product function positive opening	Yes	
product component light source	No	
insulation voltage rated value	500 V	

degree of polution 3 pee divoluge of the operating value ACDC surge voltage resistance rated value 6.W order of the terminal 1920 edgree of protection (ISBA Family 1920 edgree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 ehock resistance atunation hardware 15g, 11 nm ehock resistance atunation hardware 15g, 11 nm excording to IEC 0008-2.47 atunation hardware 15g, 11 nm operating response machinum 1 800 100 operating response machinum 1 800 10 operating response machinum 1 800 100 operating response machinum 1 800 100 enderside values (operating cyclus) typical 1 800 000 thermal current 1 90 A reference ood e according to IEC 81346-2 S continuous current of the quick DAZED fuse link g0 10 A substance Prohibitance (Date) 100/101 ordinuous current of the quick DAZED fuse link g0 10 A substance Prohibitance (Date) 5 500 V = al 0 tr rated value 5 500 V = al 0 tr rated value		
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• of the terminal P20 degree of protection NEMA rating 1, 2, 3, 38, 4, 4X, 12, 13 • occording to IEC 6068-227 sinuscidal and-swee 15g / 11 ms • of railway applications according to EN 61373 Category, 1, Class B • or railway applications according to EN 61373 Category, 1, Class B • or railway applications according to EN 61373 Category, 1, Class B • or railway applications according to EN 61373 Category, 1, Class B • or railway applications according to EN 61373 Category, 1, Class B • or railway applications according to EC 61364-2 S • or railway applications according to EC 61364-2 S • continuous current of the CLAB table 2 S • continuous current of the CLAB table 3 100, 100 • at contract of the CLAB table 3 100, 100 • at contract of the CLAB table 3 100, 120 • ortificaus current of the CLAB table 3 100, 120 • ortificaus current of the CLAB table 3 100, 120 • of the contract of the CLAB table 3 0, 0 • at contract of the contract 4 5 600 V • at contract of the contract 4 5	surge voltage resistance rated value	6 kV
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• solid without core end processing 2x (0.25 1.5 mm²) • finely stranded with core end processing 2x (0.25 0.75 mm²) • finely stranded without core end processing 2x (0.25 1.5 mm²) • for AWG cables 2x (24 16) • tightening torque of the screws in the bracket 1 1.2 N·m Safety related data Endowname B10 value with high demand rate according to SN 31920 100 000 proportion of dangerous failures 1.2 N·m • with low demand rate according to SN 31920 20 % • with high demand rate according to SN 31920 20 % • with high demand rate according to SN 31920 20 % failure rate [FIT] with low demand rate according to SN 31920 100 FIT Ambient conditions - ambient temperature - • during operation -25 +70 °C • during storage -40 +80 °C environmental category during operation according to IEC 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions Front plate mounting fastening method -0 mm • of modules and accessories Front p	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	1
• finely stranded with core end processing 2x (0.25 0.75 mm²) • finely stranded without core end processing 2x (0.25 1.5 mm²) • for AWG cables 2x (24 16) tightening torque of the screws in the bracket 1 1.2 N·m Safety related data	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories	1
• finely stranded without core end processing 2x (0.25 1.5 mm²) • for AWG cables 2x (24 16) tightening torque of the screws in the bracket 1 1.2 N·m Safety related data	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections	1 1 Spring-type terminal
• for AWG cables 2x (24 16) tightening torque of the screws in the bracket 1 1.2 N·m Safety related data	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing	1 1 Spring-type terminal 2x (0.25 1.5 mm ²)
tightening torque of the screws in the bracket 1 1.2 N·m Safety related data 1 B10 value with high demand rate according to SN 31920 100 000 proportion of dangerous failures 20 % • with low demand rate according to SN 31920 20 % • with high demand rate according to SN 31920 20 % failure rate [FIT] with low demand rate according to SN 31920 100 FIT Ambient conditions 1 ambient temperature -25 +70 °C • during operation -25 +70 °C • during storage -40 +80 °C environmental category during operation according to IEC 60721 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions Front plate mounting fastening method • of modules and accessories width 30 mm	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing	1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²)
Safety related data B10 value with high demand rate according to SN 31920 100 000 proportion of dangerous failures • with low demand rate according to SN 31920 20 % • with high demand rate according to SN 31920 20 % failure rate [FIT] with low demand rate according to SN 31920 100 FIT Ambient conditions ambient temperature -25 +70 °C • during operation -25 +70 °C • during storage -40 +80 °C environmental category during operation according to IEC 60721 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions Front plate mounting fastening method • of modules and accessories • front plate mounting 40 mm width 30 mm	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing	1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²)
B10 value with high demand rate according to SN 31920 100 000 proportion of dangerous failures 20 % • with high demand rate according to SN 31920 20 % • with high demand rate according to SN 31920 20 % failure rate [FIT] with low demand rate according to SN 31920 100 FIT Ambient conditions 100 FIT ambient temperature -25 +70 °C • during operation -25 +80 °C environmental category during operation according to IEC 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions Front plate mounting fastening method 60 rm dules and accessories width 30 mm	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing	1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²)
proportion of dangerous failures 20 % • with low demand rate according to SN 31920 20 % • with high demand rate according to SN 31920 20 % failure rate [FIT] with low demand rate according to SN 31920 100 FIT Ambient conditions 100 FIT ambient temperature -25 +70 °C • during operation -25 +70 °C • during storage -40 +80 °C environmental category during operation according to IEC 60721 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions Front plate mounting fastening method Front plate mounting • of modules and accessories Front plate mounting height 40 mm width 30 mm	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • for AWG cables	1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16)
• with low demand rate according to SN 31920 20 % • with high demand rate according to SN 31920 20 % failure rate [FIT] with low demand rate according to SN 31920 100 FIT Ambient conditions	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • for AWG cables tightening torque of the screws in the bracket	1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16)
• with high demand rate according to SN 31920 20 % failure rate [FIT] with low demand rate according to SN 31920 100 FIT Ambient conditions - ambient temperature - • during operation -25 +70 °C • during storage -40 +80 °C environmental category during operation according to IEC 60721 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions Front plate mounting fastening method 40 mm width 30 mm	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • for AWG cables tightening torque of the screws in the bracket Safety related data	1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) 1 1.2 N·m
failure rate [FIT] with low demand rate according to SN 31920 100 FIT Ambient conditions ambient temperature • during operation -25 +70 °C • during storage -40 +80 °C environmental category during operation according to IEC 60721 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions Front plate mounting height 40 mm width 30 mm	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • for AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920	1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) 1 1.2 N·m
failure rate [FIT] with low demand rate according to SN 31920 100 FIT Ambient conditions	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • for AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures	1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) 1 1.2 N·m 100 000
Ambient conditions ambient temperature • during operation • during storage -40 +80 °C environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method • of modules and accessories Front plate mounting height width 30 mm	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • for AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920	1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) 1 1.2 N·m 100 000 20 %
ambient temperature -25 +70 °C • during operation -25 +70 °C • during storage -40 +80 °C environmental category during operation according to IEC 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions Installation / mounting/ dimensions fastening method Front plate mounting • of modules and accessories Front plate mounting height 40 mm width 30 mm	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • for AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920	1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) 1 1.2 N·m 100 000 20 % 20 %
• during operation -25 +70 °C • during storage -40 +80 °C environmental category during operation according to IEC 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • for AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 • a with high demand rate according to SN 31920	1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) 1 1.2 N·m 100 000 20 % 20 %
• during storage -40 +80 °C environmental category during operation according to IEC 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions Installation / mounting/ dimensions fastening method Front plate mounting • of modules and accessories Front plate mounting height 40 mm width 30 mm	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • for AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions	1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) 1 1.2 N·m 100 000 20 % 20 %
environmental category during operation according to IEC 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions Installation/ mounting/ dimensions fastening method • of modules and accessories height 40 mm width 30 mm	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of connectable conductor cross-sections solid without core end processing finely stranded with core end processing finely stranded without core end processing for AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions ambient temperature 	1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) 1 1.2 N·m 100 000 20 % 20 % 100 FIT
Installation/ mounting/ dimensions fastening method • of modules and accessories height 40 mm width 30 mm	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of connectable conductor cross-sections solid without core end processing finely stranded with core end processing finely stranded without core end processing for AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions ambient temperature during operation 	1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) 1 1.2 N·m 100 000 20 % 20 % 20 % 100 FIT -25 +70 °C
fastening method Front plate mounting • of modules and accessories Front plate mounting height 40 mm width 30 mm	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of connectable conductor cross-sections solid without core end processing finely stranded with core end processing finely stranded without core end processing for AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions ambient temperature during operation environmental category during operation according to IEC	1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) 1 1.2 N·m 100 000 20 % 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
• of modules and accessories Front plate mounting height 40 mm width 30 mm	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/Terminals type of electrical connection of modules and accessories type of connectable conductor cross-sections solid without core end processing finely stranded with core end processing finely stranded without core end processing for AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions ambient temperature during operation during storage environmental category during operation according to IEC 60721	1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) 1 1.2 N·m 100 000 20 % 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
height 40 mm width 30 mm	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • for AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions	1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) 1 1.2 N·m 100 000 20 % 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
width 30 mm	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • for AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions	1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) 1 1.2 N·m 100 000 20 % 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)
	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • for AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method • of modules and accessories	1 1 Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m 100 000 20 % 20 % 20 % 20 % 20 % 20 % 20 % 20 % 20 % 20 % 20 % 20 % 306, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting
snape of the installation opening round	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • for AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920 # with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • during operation • during operation • during operation • during storage environmental category during operation according to IEC 60721 Installation/mounting/ dimensions fastening method • of modules and accessories height	1 1 Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (0.25 1.5 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m 100 000 20 % 20 % 20 % 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting 40 mm
	number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of connectable conductor cross-sections solid without core end processing finely stranded with core end processing finely stranded without core end processing for AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions ambient temperature during operation during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method of modules and accessories height	1 1 Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m 100 000 20 % 20 % 20 % 20 % 20 % 20 % 30 mm

mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	61 mm
installation width	29.5 mm
installation depth	71.7 mm
Certificates/ approvals	

Siemens has decided to exit the Russian market (see here).

https://pres /global/en/pressrelease/sig 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=3SU1100-5BF11-3FA0-Z Y12

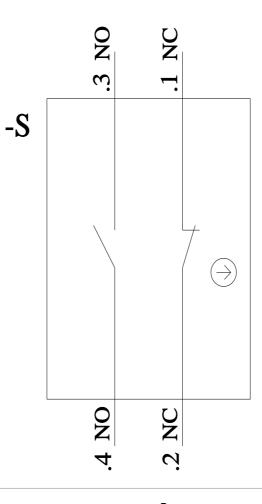
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-5BF11-3FA0-Z Y12

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-5BF11-3FA0-Z Y12

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-5BF11-3FA0-Z Y12&lang=en



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