3SU1100-5BF11-3FA0-Z Y19

Data sheet





Siemens keyswitch, C, 22 mm, round, plastic, lock number S-10-CG, 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 inscription, inscription or symbol customer-specific selection with SIRIUS ACT configurator (CIN)



product type designation design of the product product type designation product tine manufacturer's article number of included key of supplied contact module of supplied contact module at position 1 of the supplied holder of the supplied holder subject designation of the supplied activation shape of the enclosure front number of command points Actuator principle of operation of the actuating element product extension optional light source color of the actuating element shape of the actuating element material of the actuating element material of the actuating element marking of the actuating element marking of the actuating element product extension optional splent actuating element marking of the actuating element customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions 2 switch position for key distraction actuating angle clockwise 90° schockwise 90° lock make Key number Front ring product component front ring design of the front ring Standard material of the front ring plastic color of the front ring plastic plastic Plastic	product brand name	SIRIUS ACT
product type designation product line Plastic, black, 22 mm manufacturer's article number of included key of supplied contact module of supplied contact module at position 1 supplied contact module at position 1 of the supplied actuator of the supplied actuator **Toront of the actuating element number of command points **Toront of the actuating element **Toront of the actuating element **Toront of the actuating element **Salver	product designation	Key-operated switches
product line Plastic, black, 22 mm manufacturer's article number of included key 3SU1950-0FP80-0AA0 of supplied contact module 3SU1400-1AA10-3FA0 of supplied contact module at position 1 3SU1400-1AA10-3FA0 of the supplied holder 3SU1550-0AA10-0AA0 of the supplied actuator 3SU1000-5BF11-0AA0 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 material of the actuating element metal shape of the actuating element (29.5 mm) marking of the actuating element Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions 2 switch position for key distraction O+1 actuating angle e clockwise 90° lock make Siemens, C key number S-10-CG Front ring product component front ring Standard material of the front ring black Holder	design of the product	Complete unit
manufacturer's article number of included key of supplied contact module of supplied contact module at position 1 supplied contact module at position 1 of the supplied holder of the supplied actuator subject of the supplied actuator asulta00-1AA10-3FA0 of the supplied actuator subject of the supplied actuator subject of the supplied actuator asulta00-5BF11-0AA0 enclosure shape of the enclosure front number of command points 1 Actuator principle of operation of the actuating element principle of operation of the actuating element silver material of the actuating element marking of the actuating element marking of the actuating element configurator/Configuration Identification Number (CIN) number of contact modules 1 number of switching positions 2 switch position for key distraction actuating angle clockwise lock make silven silver service of the actuating product component front ring design of the front ring product component front ring design of the front ring plastic color of the front ring black Holder	product type designation	3SU1
of included key of supplied contact module of supplied contact module as \$\text{SU1400-1AA10-3FAQ} of supplied contact module at position 1 of the supplied holder of the supplied actuator of the supplied actuator of the supplied actuator supplied ac	product line	Plastic, black, 22 mm
of supplied contact module of supplied contact module at position 1 of the supplied holder of the supplied holder of the supplied actuator of the supplied actuator of the supplied actuator sulface of the substance of	manufacturer's article number	
of supplied contact module at position 1 of the supplied holder of the supplied actuator 3SU1560-0AA10-0AA0 3SU1000-5BF11-0AA0 Enclosure shape of the enclosure front round number of command points 1 Actuator principle of operation of the actuating element product extension optional light source color of the actuating element silver material of the actuating element metal shape of the actuating element Rey outer diameter of the actuating element countered in the actuating element arrangement of the actuating element Rey outer diameter of the actuating element Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of contact modules 1 number of switching positions 2 switch position for key distraction O+I actuating angle • clockwise 90° lock make Siemens, C key number S-10-CG Front ring product component front ring Standard material of the front ring plastic color of the front ring black Holder	 of included key 	3SU1950-0FP80-0AA0
of the supplied holder of the supplied actuator substance of the supplied actuator shape of the enclosure front purplied of command points Actuator principle of operation of the actuating element principle of operation of the actuating element silver material of the actuating element metal shape of the actuating element material of the actuating element silver material of the actuating element sequence of the actuating element metal shape of the actuating element substance of the actuating element element element substance of the actuating element e	 of supplied contact module 	3SU1400-1AA10-3FA0
• of the supplied actuator Enclosure shape of the enclosure front round number of command points Actuator principle of operation of the actuating element product extension optional light source color of the actuating element shape of the actuating element material of the actuating element (Key) outer diameter of the actuating element (Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configuratori/Configuration Identification Number (CIN) number of contact modules 1 number of switching positions 2 switch position for key distraction O+I actuating angle • clockwise 90° lock make Siemens, C key number S-10-CG Front ring product component front ring Standard material of the front ring plastic color of the front ring black Holder	 of supplied contact module at position 1 	3SU1400-1AA10-3FA0
Shape of the enclosure front round number of command points 1 Actuator principle of operation of the actuating element product extension optional light source No color of the actuating element material of the actuating element metal shape of the actuating element Marking Mark	 of the supplied holder 	<u>3SU1550-0AA10-0AA0</u>
shape of the enclosure front number of command points Actuator principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element shape of the actuating element shape of the actuating element warking of the actuating element customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of contact modules 1 number of switching positions 2 switch position for key distraction actuating angle clockwise olockwise lock make siemens, C key number Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black Holder	 of the supplied actuator 	3SU1000-5BF11-0AA0
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 Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of contact modules 1 number of switching positions 2 switch position for key distraction O+I actuating angle e clockwise 90° lock make Siemens, C key number S-10-CG Front ring product component front ring Standard material of the front ring plastic color of the front ring black Holder	Enclosure	
Actuator principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element silver material of the actuating element shape of the actuating element warking of the actuating element customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of contact modules number of switching positions switch position for key distraction actuating angle clockwise lock make siemens, C key number s-10-CG Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black Holder	shape of the enclosure front	round
principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element shape of the actuating element warking of the actuating element customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of contact modules number of switching positions switch position for key distraction actuating angle clock make sey number elock make sey number soloc of the front ring material of the front ring plastic color of the front ring black Holder	number of command points	1
product extension optional light source color of the actuating element material of the actuating element shape of the actuating element well shape of the actuating element cuter diameter of the actuating element marking of the actuating element marking of the actuating element Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of contact modules number of switching positions 2 switch position for key distraction actuating angle olockwise 90° lock make Siemens, C key number S-10-CG Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black Holder	Actuator	
color of the actuating element material of the actuating element shape of the actuating element weighted for the actuating element shape of the actuating element customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of contact modules number of switching positions 2 switch position for key distraction actuating angle clockwise lock make Siemens, C key number S-10-CG Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black Holder	principle of operation of the actuating element	latching, 90° (10:30 h/13:30 h)
material of the actuating element shape of the actuating element cuter diameter of the actuating element marking of the actuating element marking of the actuating element customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of contact modules number of switching positions 2 switch position for key distraction actuating angle oclockwise 90° lock make Siemens, C key number S-10-CG Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black Holder	product extension optional light source	No
shape of the actuating element outer diameter of the actuating element marking of the actuating element Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of contact modules 1 number of switching positions 2 switch position for key distraction actuating angle • clockwise 90° lock make Siemens, C key number S-10-CG Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black Holder	color of the actuating element	silver
outer diameter of the actuating element marking of the actuating element Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of contact modules 1 number of switching positions 2 switch position for key distraction actuating angle • clockwise lock make Siemens, C	material of the actuating element	metal
marking of the actuating element Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of contact modules 1 number of switching positions 2 switch position for key distraction O+I actuating angle • clockwise 90° lock make Siemens, C key number S-10-CG Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black Holder	shape of the actuating element	Key
configurator/Configuration Identification Number (CIN) number of contact modules number of switching positions switch position for key distraction actuating angle clockwise 90° lock make Siemens, C key number Front ring product component front ring design of the front ring material of the front ring color of the front ring Holder	outer diameter of the actuating element	29.5 mm
number of switching positions switch position for key distraction actuating angle • clockwise 90° lock make Siemens, C key number S-10-CG Front ring product component front ring design of the front ring material of the front ring color of the front ring Holder	marking of the actuating element	
switch position for key distraction actuating angle ● clockwise 90° lock make Siemens, C key number S-10-CG Front ring product component front ring design of the front ring material of the front ring color of the front ring black Holder	number of contact modules	1
actuating angle	number of switching positions	2
	switch position for key distraction	O+I
lock make Siemens, C key number S-10-CG Front ring product component front ring design of the front ring material of the front ring color of the front ring black Holder	actuating angle	
key number S-10-CG 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	• clockwise	90°
Front ring product component front ring design of the front ring material of the front ring color of the front ring black Holder	lock make	Siemens, C
product component front ring design of the front ring material of the front ring color of the front ring black Holder	key number	S-10-CG
design of the front ring material of the front ring color of the front ring black Holder	Front ring	
material of the front ring plastic color of the front ring black Holder	product component front ring	Yes
color of the front ring black Holder	design of the front ring	Standard
Holder	material of the front ring	plastic
	color of the front ring	black
material of the holder Plastic	Holder	
	material of the holder	Plastic

SIRIUS ACT

General technical data	
product function positive opening	Yes
product component light source	No
insulation voltage rated value	500 V
degree of pollution	3
type of voltage of the operating voltage	AC/DC
surge voltage resistance rated value	6 kV
protection class IP	IP66, IP67, IP69(IP69K)
protection class IP of the terminal	IP20
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	
 according to IEC 60068-2-27 	sinusoidal half-wave 15g / 11 ms
 for railway applications according to EN 61373 	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 500 Hz: 5g
 for railway applications according to EN 61373 	Category 1, Class B
operating frequency maximum	1 800 1/h
mechanical service life (operating cycles) typical	1 000 000
electrical endurance (operating cycles) typical	10 000 000
thermal current	10 A
reference code according to IEC 81346-2	S
continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
continuous current of the quick DIAZED fuse link	10 A
continuous current of the DIAZED fuse link gG	10 A
Substance Prohibitance (Date)	10/01/2014
Weight	0.164 kg
operating voltage	
• rated value	5 500 V
• at AC	
— at 50 Hz rated value	5 500 V
— at 60 Hz rated value	5 500 V
at DC rated value	5 500 V
Power Electronics	
contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million
A contitions of conta	(5 V, 1 mA)
Auxiliary circuit	0
	Silver alloy
design of the contact of auxiliary contacts	·
number of NC contacts for auxiliary contacts	1
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts	·
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals	1
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	1
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
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
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 mm²)
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 mm²) 2x (0.25 0.75 mm²)
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 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²)
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 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (0.24 16)
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	1 1 Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²)
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	1 1 Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (0.24 16)
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	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
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 proportion of dangerous failures with low demand rate according to SN 31920	1 1 Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (0.24 16) 1 1.2 N·m
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	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
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	1 1 Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (0.24 16) 1 1.2 N·m
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	1 1 Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (0.24 16) 1 1.2 N·m
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	1 1 Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (0.24 16) 1 1.2 N·m
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	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 20 % 20 % 50 % 100 000
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	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 20 % 20 % 50 % 100 000 100 FIT
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	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 20 % 20 % 50 % 100 000

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)
Environmental footprint	
Environmental Product Declaration(EPD)	Yes
global warming potential [CO2 eq] total	0.787 kg
global warming potential [CO2 eq] during manufacturing	0.566 kg
global warming potential [CO2 eq] during operation	0.235 kg
global warming potential [CO2 eq] after end of life	-0.015 kg
Siemens Eco Profile (SEP)	Siemens EcoTech
Installation/ mounting/ dimensions	
fastening method	
 of modules and accessories 	Front plate mounting
height	40 mm
width	30 mm
shape of the installation opening	round
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
installation depth	

General Product Approval







Type Test Certificates/Test Report

Test Certificates

Special Test Certificate

Maritime application

other

Environment







Confirmation





Environment



Environmental Confirmations

Further information

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information for data generation and storage

https://support.industry.siemens.com/cs/ww/en/view/109995012

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 Y19

Cax online generator

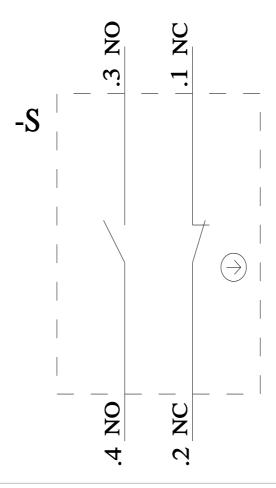
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-5BF11-3FA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-5BF11-3FA0-Z Y19

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 Y19&lang=en



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