SIEMENS

Data sheet

3SU1130-7BF10-1QA0-Z Y19

product brand name product to brand name product general content content of the product design of the product product type designation product time Plessits with metal front ring, matt, 22 mm manufacturer's article number of supplied contact module at position 1 of supplied contact module at position 2 of supplied contact module at position 2 of supplied contact module at position 3 SSU1400-IAA10-IBA0 of supplied contact module at position 4 of the supplied actuator The supplied actuator The supplied actuator Tound Actuator design of the actuating element principle of operation of the actuating element momentary contact type direction of actuation product extension optional light source color of the actuating element material of the actuating element material of the actuating element product extension optional light source color of the actuating element material of the actuating element product extension optional light source color of the actuating element material of the actuating element plastic shape of the actuating element plastic shape of the actuating element material of the actuating element plastic shape of the actuating element plastic shape of the actuating element plastic actuating element plastic product extension optional light source No color of the actuating element actuating element plastic product extension optional light source No color of the actuating element plastic product extension optional light source No color of the actuating element plastic product extension optional light source No number of contact modules 4 No number of contact modules 4 Maximum deflection angle [*] Front ritig product extension positive opering No material of the front ring Actuation design of the front ring No material of the porting voltage ACIDC surge voltage resistance rated value excording to IEC 60068-2-8 10 500 Hz.		Coordinate switch, 22 mm, round, plastic with metal front ring, black, 4 switch positions, momentary contact type, with mechanical interlocking in O position, with holder, 1 NO, 1 NO, 1 NO, 1 NO, screw terminal, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)
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of the supplied actuator Enclosure shape of the enclosure front Actuator design of the actuating element	 of supplied contact module at position 4 	<u>3SU1400-1AA10-1BA0</u>
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vibration resistance		sinusoidal half-wave 15g / 11 ms
● according to IEC 60068-2-6 10 500 Hz: 5g operating frequency maximum 2 400 1/h		
operating frequency maximum 2 400 1/h		10 500 Hz: 5a

as operating period per direction of actuation typical	500 000
electrical endurance (operating cycles) typical	10 000 000
electrical endurance (operating cycles) with contactors 3RT1015 to 3RT1026 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
operating voltage	
• 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 (5 V, 1 mA)
Auxiliary circuit	
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	4
Connections/ Terminals	
type of electrical connection of modules and accessories	Screw-type terminal
type of connectable conductor cross-sections	
 solid with core end processing 	2x (0.5 0.75 mm²)
solid without core end processing	2x (1.0 1.5 mm²)
finely stranded with core end processing	2x (0.5 1.5 mm²)
finely stranded without core end processing	2x (1,0 1,5 mm²)
• for AWG cables	2x (18 14)
tightening torque of the screws in the bracket	1 1.2 N·m
tightening torque for auxiliary contacts with screw-type terminals	0.8 1 N·m
Safety related data	
B10 value with high demand rate according to SN 31920	250 000
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	
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	
fastening method	front plate mounting
of modules and accessories	Front plate mounting
height	40 mm
width	40 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	75.6 mm
installation width	30.5 mm
installation depth	53.7 mm
Certificates/ approvals	
Further information	
Ciamana has desided to exit the Dussian market (see here)	

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

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=3SU1130-7BF10-1QA0-Z Y19

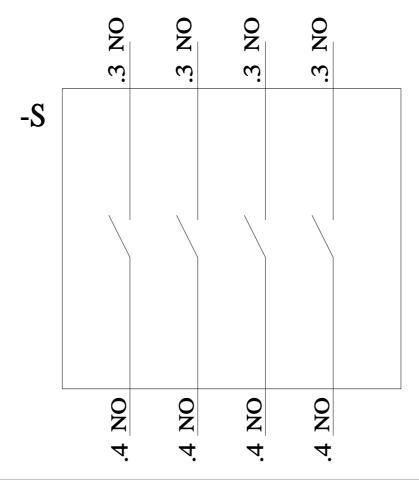
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1130-7BF10-1QA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1130-7BF10-1QA0-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=3SU1130-7BF10-1QA0-Z Y19&lang=en



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