SIEMENS

Data sheet



Coordinate switch, 22 mm, round, plastic with metal front ring, black, 2 switch positions, horizontal, momentary contact type, with mechanical interlocking in O position, with holder, 1 NO, 1 NO, screw terminal, Z=20-unit packaging

product designation design of the product product type designation product type designation 3SU1 product type designation 3SU1 product type designation 3SU1 product type designation amanufacturer's article number of supplied contact module at position 1 of supplied contact module at position 3 of the supplied dolfer of the supplied dolfer subject dolfer of the supplied actuator Enclosure shape of the enclosure front 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 plastic shape of the actuating element plastic shape of the actuating element plastic shape of the operation of the actuating element product extension optional light source souter diameter of the actuating element plastic shape of the operation of the actuating element plastic shape of the actuating element plastic shape of the operation of the actuating element plastic shape of the actuating element shape of the actuating element product diameter of the actuating element plastic shape of the actuating element plastic element evident ended evide push-to-unlatch mechanism product component front ring product component front ring high material of the front ring material of the front ring shape design of the front ring shape floider material of the holder general technical data product function positive opening insulation voltage rated value elegee of pollution 3 type of voltage of the operating voltage surge voltage resistance rated value Flost, IP67	product brand name	SIRIUS ACT	
product type designation product line Plastic with metal front ring, matt, 22 mm manufacturer's article number • of supplied contact module at position 1 • of supplied contact module at position 3 • of the supplied holder • of the supplied holder • of the supplied actuator Sautisso-DBA10-DAA0 • of the supplied actuator Sautisso-BBA10-DAA0	product designation	Coordinate switches	
product line manufacturer's article number • of supplied contact module at position 1 • of supplied contact module at position 3 • of the supplied holder • of the supplied actuator • of the supplied actuator shape of the enclosure front Actuator design of the actuating element principle of operation of the actuation with mental principle of operation of the actuation direction of actuation material of the actuating element material of the actuating element black material of the actuating element cuter diameter of the actuating element material of the actuating element cuter diameter of the actuating element shape of the actuating element cuter diameter of the actuating element shape of the actuating element cuter diameter of the actuating element shape of the actuating element cuter diameter of the actuating element shape of switching positions 2 type of unlocking device number of switching positions 2 Maximum deflection angle [*] Front ring product component front ring design of the front ring material of the front ring material of the front ring material of the holder Plastic General technical data product function positive opening No insulation voltage rated value 6 kV	design of the product	Complete unit	
manufacturer's article number • of supplied contact module at position 1 • of supplied contact module at position 3 • of the supplied holder • of the supplied actuator • of the supplied actuator Saut 1550-08A10-0AA0 • of the supplied actuator Inclosure shape of the enclosure front 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 black material of the actuating element black shape of the actuating element black material of the actuating element shape of the actuating element actuating element plastic shape of the actuating element plastic shape of the actuating element plastic shape of switching device push-to-unlatch mechanism number of switching positions 2 Maximum deflection angle [*] 30° Maximum deflection angle [*] 30° Metal, matt color of the front ring high material of the front ring sand gray Holder material of the holder Plastic General tochnical data product function positive opening No insulation voltage rated value degree of pollution 3 AC/DC surge voltage resistance rated value 6 kV	product type designation	3SU1	
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of supplied contact module at position 3 of the supplied holder of the supplied actuator supplied actuator subject of the supplied actuator subject of the supplied actuator subject of the enclosure front subject of the enclosure front design of the actuating element	manufacturer's article number		
of the supplied holder of the supplied actuator SSU1030-7BC10-0AA0 Enclosure shape of the enclosure front Actuator design of the actuating element	 of supplied contact module at position 1 	3SU1400-1AA10-1BA0	
• of the supplied actuator Shape of the enclosure front Actuator design of the actuating element principle of operation of the actuating element direction of actuation product extension optional light source color 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 shape of the actuating element plastic shape of the actuating element shape of the actuating element outer diameter of the actuating element number of contact modules 2 type of unlocking device number of switching positions 2 Maximum deflection angle [*] Front ring product component front ring design of the front ring material of the front ring Metal, matt color of the front ring Metal, matt color of the front ring Metal, matt color of the holder Plastic General technical data product function positive opening 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	 of supplied contact module at position 3 	3SU1400-1AA10-1BA0	
Enclosure shape of the enclosure front 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 black material of the actuating element shape of the actuating element shape of the actuating element shape of the actuating element number of contact modules 2 type of unlocking device number of switching positions 2 Maximum deflection angle [*] Front ring product component front ring design of the front ring material of the front ring Metal, matt color of the front ring Holder material of the holder General technical data product function positive opening insulation voltage rated value 50 V degree of pollution 3 Stype of voltage of the operating voltage surge voltage resistance rated value 6 kV	 of the supplied holder 	3SU1550-0BA10-0AA0	
shape of the enclosure front Actuator design of the actuating element with mechanical interlocking principle of operation of the actuating element momentary contact type direction of actuation horizontal product extension optional light source No color of the actuating element black material of the actuating element plastic shape of the actuating element Extended handle outer diameter of the actuating element 30.5 mm number of contact modules 2 type of unlocking device push-to-unlatch mechanism number of switching positions 2 Maximum deflection angle [°] 30° Front ring product component front ring Yes design of the front ring high material of the front ring sand gray tiolder material of the holder Plastic General technical data product function positive opening 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	 of the supplied actuator 	3SU1030-7BC10-0AA0	
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principle of operation of the actuating element direction of actuation product extension optional light source color of the actuating element black material of the actuating element shape of the actuating element couter diameter of the actuating element pumber of contact modules type of unlocking device number of switching positions Amaximum deflection angle [*] Front ring product component front ring design of the front ring material of the holder material of the holder General technical data product function positive opening insulation voltage rated value surge voltage resistance rated value 6 kV	Actuator		
direction of actuation product extension optional light source color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element number of contact modules 2 type of unlocking device number of switching positions 2 Maximum deflection angle [°] Front ring product component front ring design of the front ring material of the front ring material of the holder material of the holder material of the holder General technical data product function positive opening insulation voltage rated value degree of pollution stype of voltage of the operating voltage surge voltage resistance rated value 6 kV	design of the actuating element	with mechanical interlocking	
product extension optional light source color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element number of contact modules type of unlocking device number of switching positions and a swimum deflection angle [°] product component front ring product component front ring material of the front ring material of the front ring material of the holder General technical data product function positive opening insulation voltage rated value degree of pollution surge voltage resistance rated value 6 kV	principle of operation of the actuating element	momentary contact type	
color of the actuating element black material of the actuating element plastic shape of the actuating element Extended handle outer diameter of the actuating element 30.5 mm number of contact modules 2 type of unlocking device push-to-unlatch mechanism number of switching positions 2 Maximum deflection angle [*] 30° Front ring product component front ring Yes design of the front ring high material of the front ring Metal, matt color of the front ring sand gray Holder material of the holder Plastic General technical data product function positive opening 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	direction of actuation	horizontal	
material of the actuating element Extended handle outer diameter of the actuating element 30.5 mm number of contact modules 2 type of unlocking device push-to-unlatch mechanism number of switching positions 2 Maximum deflection angle [°] 30° Front ring product component front ring high material of the front ring Metal, matt color of the front ring sand gray Holder material of the holder Plastic General technical data product function positive opening No insulation voltage rated value 500 V degree of pollution 3 type of voltage of the operating voltage surge voltage resistance rated value 6 kV	product extension optional light source	No	
shape of the actuating element outer diameter of the actuating element number of contact modules 2 type of unlocking device number of switching positions 2 Maximum deflection angle [°] 7 30° Front ring product component front ring design of the front ring material of the front ring color of the front ring material of the holder material of the holder product function positive opening product function positive opening insulation voltage rated value 4 500 V degree of pollution surge voltage resistance rated value 5 kV	color of the actuating element	black	
outer diameter of the actuating element number of contact modules 2 type of unlocking device push-to-unlatch mechanism number of switching positions 2 Maximum deflection angle [°] 30° Front ring product component front ring design of the front ring material of the front ring Metal, matt color of the front ring material of the holder Plastic General technical data product function positive opening insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value 6 kV	material of the actuating element	plastic	
number of contact modules type of unlocking device number of switching positions 2 Maximum deflection angle [°] 30° Front ring product component front ring Yes design of the front ring high material of the front ring Metal, matt color of the front ring sand gray Holder material of the holder Plastic General technical data product function positive opening No insulation voltage rated value 500 V degree of pollution type of voltage of the operating voltage surge voltage resistance rated value 6 kV	shape of the actuating element	Extended handle	
type of unlocking device push-to-unlatch mechanism number of switching positions 2 Maximum deflection angle [°] 30° Front ring product component front ring Yes design of the front ring high material of the front ring Metal, matt color of the front ring sand gray Holder material of the holder Plastic General technical data product function positive opening No insulation voltage rated value 500 V degree of pollution 3 type of voltage of the operating voltage surge voltage resistance rated value 6 kV	outer diameter of the actuating element	30.5 mm	
number of switching positions Maximum deflection angle [°] 30° Front ring product component front ring Yes design of the front ring high material of the front ring Metal, matt color of the front ring sand gray Holder material of the holder Plastic General technical data product function positive opening 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	number of contact modules	2	
Maximum deflection angle [°] 30° Front ring product component front ring Yes design of the front ring high material of the front ring Metal, matt color of the front ring sand gray Holder material of the holder Plastic General technical data product function positive opening 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	type of unlocking device	push-to-unlatch mechanism	
Front ring product component front ring design of the front ring material of the front ring Metal, matt color of the front ring Holder material of the holder Plastic General technical data product function positive opening insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value 6 kV	number of switching positions	2	
product component front ring design of the front ring material of the front ring Metal, matt color of the front ring Holder material of the holder Plastic General technical data product function positive opening insulation voltage rated value type of voltage of the operating voltage surge voltage resistance rated value Yes high high Metal, matt sand gray Plastic Plastic Soo V degree of pollution 3 type of voltage of the operating voltage AC/DC surge voltage resistance rated value 6 kV	Maximum deflection angle [°]	30°	
design of the front ring material of the front ring Metal, matt color of the front ring sand gray Holder material of the holder Plastic General technical data product function positive opening insulation voltage rated value type of voltage of the operating voltage surge voltage resistance rated value 6 kV	Front ring		
material of the front ring color of the front ring sand gray Holder material of the holder Plastic General technical data product function positive opening insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value Metal, matt Sand gray Metal, matt Sand gray No Plastic No So AC/DC Surge voltage resistance rated value 6 kV	product component front ring	Yes	
color of the front ring Holder material of the holder Plastic General technical data product function positive opening insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value sand gray Plastic No Soo V AC/DC Surge voltage resistance rated value 6 kV	design of the front ring	high	
material of the holder Plastic General technical data product function positive opening 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	material of the front ring	Metal, matt	
material of the holder General technical data product function positive opening insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value Plastic No 500 V AC/DC Surge voltage resistance rated value 6 kV	color of the front ring	sand gray	
product function positive opening insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value Surge voltage resistance rated value No 500 V AC/DC Surge voltage resistance rated value 6 kV	Holder		
product function positive opening insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value No 500 V AC/DC surge voltage resistance rated value 6 kV	material of the holder	Plastic	
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	General technical data		
degree of pollution 3 type of voltage of the operating voltage AC/DC surge voltage resistance rated value 6 kV	product function positive opening	No	
type of voltage of the operating voltage AC/DC surge voltage resistance rated value 6 kV	insulation voltage rated value	500 V	
surge voltage resistance rated value 6 kV	degree of pollution	3	
	type of voltage of the operating voltage	AC/DC	
protection class IP IP65, IP67	surge voltage resistance rated value	6 kV	
	protection class IP	IP65, IP67	

of the terminal	IP20
shock resistance	
according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
vibration resistance	
according to IEC 60068-2-6	10 500 Hz: 5g
operating frequency maximum	2 400 1/h
mechanical service life (switching cycles)	
as operating period per direction of actuation typical	500 000
electrical endurance (switching cycles) typical	10 000 000
electrical endurance (switching 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	2
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)
·	2x (1.0 1.5 mm²)
 solid without core end processing 	ZX (1:U 1:3 HIIII)
 solid without core end processing finely stranded with core end processing 	
 finely stranded with core end processing 	2x (0.5 1.5 mm²)
finely stranded with core end processingfinely stranded without core end processing	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²)
finely stranded with core end processingfinely stranded without core end processingat AWG cables	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14)
 finely stranded with core end processing finely stranded without core end processing at AWG cables tightening torque of the screws in the bracket 	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m
finely stranded with core end processing finely stranded without core end processing at AWG cables tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14)
finely stranded with core end processing finely stranded without core end processing at AWG cables tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals Safety related data	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m
finely stranded with core end processing finely stranded without core end processing at AWG cables tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals Safety related data B10 value with high demand rate according to SN 31920	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m
finely stranded with core end processing finely stranded without core end processing at AWG cables tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m
finely stranded with core end processing finely stranded without core end processing at AWG cables tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals 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	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m
finely stranded with core end processing finely stranded without core end processing at AWG cables tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals 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	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 250 000
finely stranded with core end processing finely stranded without core end processing at AWG cables tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals 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	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m
finely stranded with core end processing finely stranded without core end processing at AWG cables tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals 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	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 250 000
finely stranded with core end processing finely stranded without core end processing at AWG cables tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals 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	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 250 000
finely stranded with core end processing finely stranded without core end processing at AWG cables tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals 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 Ambient conditions	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 250 000
finely stranded with core end processing finely stranded without core end processing at AWG cables tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals 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 Ambient conditions ambient temperature	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 250 000 20 % 20 % 100 FIT
finely stranded with core end processing finely stranded without core end processing at AWG cables tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals 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 Ambient conditions ambient temperature during operation	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 250 000 20 % 20 % 100 FIT
finely stranded with core end processing finely stranded without core end processing at AWG cables tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals 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 Ambient conditions ambient temperature during operation during storage environmental category during operation according to IEC	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 250 000 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
finely stranded with core end processing finely stranded without core end processing at AWG cables tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals 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 Ambient conditions ambient temperature during operation during storage environmental category during operation according to IEC 60721	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 250 000 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
finely stranded with core end processing finely stranded without core end processing at AWG cables tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals 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 Ambient conditions ambient temperature during operation during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions	2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 250 000 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)
 finely stranded with core end processing finely stranded without core end processing at AWG cables tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals 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 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 	2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 250 000 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)
 finely stranded with core end processing finely stranded without core end processing at AWG cables tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals 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 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 	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 250 000 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) front plate mounting Front plate mounting Front plate mounting 40 mm
 finely stranded with core end processing finely stranded without core end processing at AWG cables tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals 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 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 width 	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 250 000 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) front plate mounting Front plate mounting Front plate mounting 40 mm 40 mm
 finely stranded with core end processing finely stranded without core end processing at AWG cables tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type terminals 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 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 	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 250 000 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) front plate mounting Front plate mounting Front plate mounting 40 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	

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=3SU1130-7BC10-1NA0-Z X90

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1130-7BC10-1NA0-Z X90

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1130-7BC10-1NA0-Z X90

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1130-7BC10-1NA0-Z X90&lang=en

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