SIEMENS

Data sheet



Coordinate switch, 22 mm, round, metal shiny, black, 4 switch positions, momentary contact type, without mechanical interlocking, in O position, with holder, 1 NO, 1 NO, 1 NO, 1 NO, screw terminal, Z=20-unit packaging

product type designation design of the product product type designation product type designation supproduct type designation 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 supproduct type designation of the supplied contact module at position 4 of the supplied actuator supproduct extension and the supplied actuator supproduct extension optional light source color of the actuating element material of the actuating element product extension optional light source color of the actuating element plastic shape of the actuating element plastic shape of the actuating element plastic shape of the actuating element pouter diameter of the actuating element pouter diameter of the actuating element pouter diameter of the actuating element plastic shape of the fort fing product extension optional light source product extension optional light source shape of the actuating element plastic shape of the forthing peritons shape of the forthing high material of the holder product component front ring product demanded and shape of the peritons shape of the special shape of	product brand name	SIRIUS ACT
product type designation product line Metal, shiny, 22 mm of supplied contact module at position 1 supplied contact module at position 3 of supplied contact module at position 3 of supplied contact module at position 4 of the supplied contact module at position 4 of the supplied contact module at position 4 of the supplied actuator of the supplied actuator shape of the enclosure front for und Actuator design of the actuating element principle of operation of the actuating element without mechanical interlock principle of operation of the actuating element momentary contact type direction of actuation horizontal / vertical product extension optional light source No color of the actuating element black material of the actuating element plastic shape of the actuating element outer diameter of the actuating element unwhor of switching positions 4 Maximum deflection angle [*] Front ring product component front ring design of the front ring Metal, high gloss color of the front ring Metal, high gloss color of the front ring Metal, high gloss color of the front ring Metal, high gloss silver Hottler Metal, shipy, 22 mm Metal, high gloss insulation voltage rated value 6 kV	product designation	Coordinate switches
product line 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 assut 400-1AA10-1BA0 of supplied contact module at position 4 of the supplied actuator assut 1050-7AF88-0AA0 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 outer diameter of the actuating element plastic shape of the actuating element plastic shape of the actuating element plastic shape of the actuating element puber of the front ring Metal, high gloss color of the front ring Metal, high gloss product function positive opening product function positive opening insulation voltage rated value degree of pollution 3 No insulation voltage rated value degree of pollution 3 ACDC surge voltage resistance rated value	design of the product	Complete unit
manufacturer's article number • of supplied contact module at position 1 • of supplied contact module at position 2 • of supplied contact module at position 3 • of supplied contact module at position 3 • of supplied contact module at position 4 • of the supplied contact module at position 4 • of the supplied holder • of the supplied contact module at position 4 • of the supplied contact module at position 4 • of the supplied contact module at position 4 • of the supplied contact module at position 4 • of the supplied contact module at position 4 • of the supplied contact module at position 4 • of the supplied contact module at position 4 • of the supplied contact module at position 4 • of the supplied contact module at position 4 SSU1400-1AA10-1BA0 • of supplied contact module at position 4 SSU1400-1AA10-1BA0 • of the supplied contact module at position 4 Maximum deflection angle (*) **Tot ring** **Tot r	product type designation	3SU1
of supplied contact module at position 1 of supplied contact module at position 2 of supplied contact module at position 3 of supplied contact module at position 3 of supplied contact module at position 4 of the supplied actuator substance of the supplied actuator Enclosure shape of the enclosure front 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 material of the actuating element put element shape of the actuating element plastic shape of the actuating element put element shape of the actuating element put element plastic shape of the actuating element put element put element put element shape of the actuating element put element p	product line	Metal, shiny, 22 mm
of supplied contact module at position 2 of supplied contact module at position 3 38U1400-1AA10-1BA0 of supplied contact module at position 4 of the supplied actuator SSU1050-7AF88-0AA0 Enclosure shape of the enclosure front 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 plastic shape of the actuating element shape of the actuating element shape of the actuating element aumber of contact modules 4 number of switching positions 4 Maximum deflection angle [*] source product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring Metal, high gloss color of the front ring Metal, high gloss color of the front ring material of the holder Plastic General technical data product function positive opening No insulation voltage rated value es urge voltage resistance rated value 6 kV	manufacturer's article number	
of supplied contact module at position 3 of supplied contact module at position 4 of the supplied holder of the supplied holder of the supplied actuator of the supplied actuator supplied contact module at position 4 of the supplied actuator supplied actuator shape of the enclosure front cound Actuator design of the actuating element without mechanical interlock principle of operation of the actuating element momentary contact type direction of actuation horizonial 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 actuation eleme	 of supplied contact module at position 1 	3SU1400-1AA10-1BA0
of supplied contact module at position 4 of the supplied holder of the supplied actuator SSU1550-0BA10-0AAQ sulfos-7AF88-0AAQ Enclosure shape of the enclosure front round 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 public outer diameter of the actuating element shape of the actuating element plastic shape of the actuating element shape of the actuating element public outer diameter of the actuating element shape of the actuating element public outer diameter of the actuating element number of switching positions 4 Maximum deflection angle [*] yes design of the front ring material of the front ring Metal, high gloss color of the front ring material of the holder General technical data product function positive opening Insulation voltage rated value Sou V degree of pollution surge voltage resistance rated value 6 kV	 of supplied contact module at position 2 	3SU1400-1AA10-1BA0
of the supplied actuator inclosure shape of the enclosure front 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 puter diameter of the actuating positions 4 Maximum deflection angle [*] product component front ring product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring product cubnical data product function positive opening No insulation voltage rated value 6 kV surge voltage resistance rated value 6 kV	 of supplied contact module at position 3 	3SU1400-1AA10-1BA0
• of the supplied actuator Enclosure shape of the enclosure front Actuator design of the actuating element without mechanical interlock principle of operation of the actuating element momentary contact type direction of actuation horizontal / vertical product extension optional light source No color of the actuating element plastic shape 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 4 number of switching positions 4 Maximum deflection angle [°] 30° Front ring product component front ring high material of the front ring Metal, high gloss color of the front ring silver Holder material of the holder Plastic General technical data product function positive opening No insulation voltage rated value 6 kV surge voltage resistance rated value 6 kV	 of supplied contact module at position 4 	3SU1400-1AA10-1BA0
Enclosure shape of the enclosure front Actuator design of the actuating element without mechanical interlock principle of operation of the actuating element momentary contact type direction of actuation horizontal / vertical 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 4 number of switching positions 4 Maximum deflection angle [°] 30° Front ring product component front ring Yes design of the front ring high material of the front ring silver tolder material of the holder Plastic General technical data product function positive opening No insulation voltage rated value 6 kV 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 without mechanical interlock principle of operation of the actuating element momentary contact type direction of actuation horizontal / vertical 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 aument of contact modules 4 number of switching positions 4 Maximum deflection angle [*] 30° Front ring product component front ring Yes design of the front ring Metal, high gloss color of the front ring sliver Modern Modula 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	 of the supplied actuator 	3SU1050-7AF88-0AA0
Actuator design of the actuating element without mechanical interlock principle of operation of the actuating element momentary contact type direction of actuation horizontal / vertical product extension optional light source 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 aumber of contact modules number of contact modules 1 any moment of switching positions 4 any material of the front ring product component front ring high material of the front ring Metal, high gloss color of the front ring silver Holder material of the holder Plastic General technical data product function positive opening insulation voltage rated value degree of pollution 3 a type of voltage of the operating voltage surge voltage resistance rated value 6 kV	Enclosure	
design of the actuating element without mechanical interlock principle of operation of the actuating element momentary contact type direction of actuation horizontal / vertical 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 4 maximum deflection angle [*] 30° Front ring product component front ring Yes design of the front ring high material of the front ring Metal, high gloss color of the front ring silver 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	shape of the enclosure front	round
principle of operation of the actuating element direction of actuation product extension optional light source No color of the actuating element black material of the actuating element shape of the actuating element outer diameter of the actuating element number of contact modules 4 number of switching positions 4 Maximum deflection angle [*] product component front ring design of the front ring material of the front ring Holder material of the holder material of the holder Plastic General technical data product function positive opening insulation voltage rated value design of the operating voltage AC/DC surge voltage resistance rated value 6 kV	Actuator	
direction of actuation horizontal / vertical 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 4 number of switching positions 4 Maximum deflection angle [*] 30° Front ring product component front ring Yes design of the front ring high material of the front ring Metal, high gloss color of the front ring silver 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	design of the actuating element	without mechanical interlock
product extension optional light source color of the actuating element black material of the actuating element shape of the actuating element outer diameter of the actuating element number of contact modules number of switching positions 4 Maximum deflection angle [°] 30° Front ring product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring Metal, high gloss color of the holder material of the holder Plastic General technical data product function positive opening insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage surge voltage resistance rated value 6 kV	principle of operation of the actuating element	momentary contact type
color 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 4 number of switching positions 4 Maximum deflection angle [°] 30° Front ring product component front ring Yes design of the front ring Metal, high gloss color of the front ring silver 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	direction of actuation	horizontal / vertical
material of the actuating element Extended handle outer diameter of the actuating element 30.5 mm number of contact modules 4 number of switching positions 4 Maximum deflection angle [°] 30° Front ring product component front ring Yes design of the front ring high material of the front ring Metal, high gloss color of the front ring silver 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 4 number of switching positions 4 Maximum deflection angle [*] 30° Front ring product component front ring design of the front ring material 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 5 Metal, high gloss silver No insulation voltage rated value 6 kV	color of the actuating element	black
outer diameter of the actuating element number of contact modules 4 number of switching positions 4 Maximum deflection angle [°] 30° Front ring product component front ring Yes design of the front ring high material of the front ring Metal, high gloss color of the front ring silver 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	material of the actuating element	plastic
number of contact modules number of switching positions Maximum deflection angle [°] Front ring product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring material of the holder Plastic General technical data product function positive opening insulation voltage rated value degree of pollution surge voltage resistance rated value 6 kV	shape of the actuating element	Extended handle
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, high gloss color of the front ring silver 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	outer diameter of the actuating element	30.5 mm
Maximum deflection angle [°] 30° Front ring product component front ring Yes design of the front ring high material of the front ring Metal, high gloss color of the front ring silver 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	4
Front ring product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring silver 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	4
product component front ring design of the front ring material of the front ring Metal, high gloss 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 6 kV	Maximum deflection angle [°]	30°
design of the front ring material of the front ring Metal, high gloss color of the front ring silver 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 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	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 silver Plastic No Soo AC/DC Surge voltage resistance rated value 6 kV	design of the front ring	high
Holder 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 6 kV	material of the front ring	Metal, high gloss
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 6 kV	color of the front ring	silver
product function positive opening Insulation voltage rated value Source Surge voltage of the operating voltage Surge voltage resistance rated value Source S	Holder	
product function positive opening 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 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
r	protection class IP	IP65, IP67

a of the terminal	ID20
of the terminal	IP20
shock resistance	sinusoidal half ways 15a / 11 mg
according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
vibration resistance	40 500 Hz: 50
• according to IEC 60068-2-6	10 500 Hz: 5g
operating frequency maximum	2 400 1/h
mechanical service life (operating cycles)	500.000
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	
The or commercially community of 033-32000113	
solid with core end processing	2x (0.5 0.75 mm²)
	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²)
solid with core end processing	
solid with core end processingsolid without core end processing	2x (1.0 1.5 mm²)
solid with core end processingsolid without core end processingfinely stranded with core end processing	2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²)
 solid with core end processing solid without core end processing finely stranded with core end processing finely stranded without core end processing 	2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²)
 solid with core end processing 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 tightening torque for auxiliary contacts with screw-type terminals 	2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14)
 solid with core end processing 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	2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m
 solid with core end processing 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 tightening torque for auxiliary contacts with screw-type terminals 	2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m
 solid with core end processing 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 tightening torque for auxiliary contacts with screw-type terminals Safety related data 	2x (1.0 1.5 mm²) 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
solid with core end processing 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 tightening torque for auxiliary contacts with screw-type terminals Safety related data B10 value with high demand rate according to SN 31920	2x (1.0 1.5 mm²) 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
solid with core end processing 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 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 (1.0 1.5 mm²) 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
solid with core end processing 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 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 (1.0 1.5 mm²) 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
solid with core end processing 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 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 (1.0 1.5 mm²) 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
solid with core end processing 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 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 suith high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920	2x (1.0 1.5 mm²) 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
 solid with core end processing 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 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 (1.0 1.5 mm²) 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
solid with core end processing 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 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 awith high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions ambient temperature	2x (1.0 1.5 mm²) 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
solid with core end processing solid without core end processing finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing for 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 (1.0 1.5 mm²) 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
solid with core end processing solid without core end processing finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing for 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 (1.0 1.5 mm²) 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
solid with core end processing solid without core end processing finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing for 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 (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 condensation in operation permitted for all devices behind front panel)
 solid with core end processing 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 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 	2x (1.0 1.5 mm²) 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)
 solid with core end processing 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 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 (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
 solid with core end processing 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 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 (1.0 1.5 mm²) 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
 solid with core end processing 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 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 (1.0 1.5 mm²) 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 condensation in operation permitted for all devices behind front panel) front plate mounting Front plate mounting Front plate mounting 40 mm 40 mm
 solid with core end processing 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 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 shape of the installation opening 	2x (1.0 1.5 mm²) 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 condensation in operation permitted for all devices behind front panel) front plate mounting Front plate mounting 40 mm 40 mm round
solid with core end processing solid without core end processing finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing for 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 shape of the installation opening mounting diameter	2x (1.0 1.5 mm²) 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 condensation in operation permitted for all devices behind front panel) front plate mounting Front plate mounting Front plate mounting 40 mm 40 mm round 22.3 mm
solid with core end processing solid without core end processing finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing for 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 shape of the installation opening mounting diameter positive tolerance of installation diameter	2x (1.0 1.5 mm²) 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 condensation in operation permitted for all devices behind front panel) front plate mounting Front plate mounting 40 mm 40 mm round 22.3 mm 0.4 mm
solid with core end processing solid without core end processing finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing for 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 shape of the installation opening mounting diameter	2x (1.0 1.5 mm²) 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 condensation in operation permitted for all devices behind front panel) front plate mounting Front plate mounting Front plate mounting 40 mm 70 mm

installation depth

53.7 mm

Certificates/ approvals

Further information

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

https://press.siemens.com/global/en/pressrelease/siemens-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=3SU1150-7AF88-1QA0-Z X90

Cax online generator

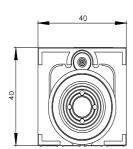
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-7AF88-1QA0-Z X90

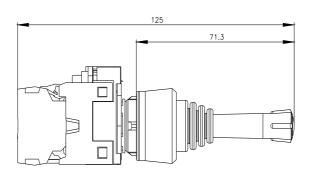
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

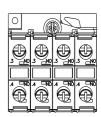
https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-7AF88-1QA0-Z X90

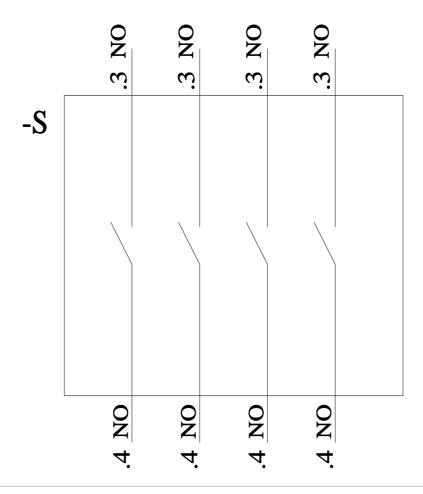
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1150-7AF88-1QA0-Z X90&lang=en









last modified: 1/26/2022 🖸