SIEMENS

Data sheet

3SU1130-7BB10-1NA0-Z X90



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

product brand name SIRUS ACT product design ation Coordinate switches design of the product Complete unit product type designation 3SU1 product line Plastic with metal front ring, matt, 22 mm manufacturer's article number SU1400-1AA10-1BA0 • of supplied contact module at position 2 3SU1400-1AA10-1BA0 • of supplied contact module at position 4 3SU1030-7BB10-0AA0 • of the supplied actuator 3SU1030-7BB10-0AA0 Enclosure Stape of the enclosure front shape of the actuating element with mechanical interlocking principle of operation of the actuating element Iatching design of the actuating element black material of the actuating element plastic shape of the actuating element plastic shape of the actuating element plastic material of the actuating element plastic shape of the actuating element plastic shape of the actuating element plastic material of the actuating element plastic material of the actuating element so 5 mm	•	
product type designation Complete unit product type designation 3SU1 product time Plastic with metal front ring, matt, 22 mm ansufacturer's article number 3SU1400-1AA10-1BA0 • of supplied contact module at position 4 3SU1550-0BA10-0AA0 • of the supplied holder 3SU1030-7BB10-0AA0 • of the supplied actuator 3SU1030-7BB10-0AA0 Enclosure Supplied contact module at position 4 sign of the supplied actuator 3SU1030-7BB10-0AA0 Enclosure Supplied contact module at position 4 sign of the actuating element with mechanical interlocking principle of operation of the actuating element latching vertical vertical product extension optional light source No color of the actuating element black material of the actuating element so 5 mm number of contact modules 2 type of unlocking device pub-to-unlatch mechanism number of switching positions 2 Maximum deflection angle [*] 30° Front ring high material of the front ri	product brand name	SIRIUS ACT
product line 3SU1 product line Plastic with metal front ring, matt, 22 mm manufacturer's article number 3SU1400-1AA10-1BA0 • of supplied contact module at position 2 3SU1400-1AA10-1BA0 • of the supplied holder 3SU1500-0BA10-0AA0 • of the supplied actuator 3SU10302-7BB10-0AA0 Enclosure shape of the enclosure front Actuator design of the actuating element uitropic of operation of the actuating element latching product extension optional light source No color of the actuating element black product extension optional light source No color of the actuating element plastic shape of the actuating element softmat utry product extension optional light source No outer diameter of the actuating element plastic shape of the actuating element softmat utry product actine duelse 2 type of unlocking device pusht-to-unlatch mechanism number of switching positions 2 Maximum deflection angle [*] 3°° Front ring	product designation	Coordinate switches
product line Plastic with metal front ring, matt, 22 mm manufacturer's article number 3SU1400-1AA10-1BA0 • of supplied contact module at position 2 3SU1400-1AA10-1BA0 • of the supplied holder 3SU1550-0BA10-0BA0 • of the supplied contact module at position 4 3SU1500-7BB10-0BA0 • of the supplied actuator 3SU1030-7BB10-0BA0 Enclosure shape of the enclosure front round Actuator design of the actuating element latching grinciple of operation of the actuating element latching vertical product extension optional light source No oo color of the actuating element plastic stand shape of the actuating element plastic stand 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 high material of the front ring Metal, matt celor of the front ring high material of the fortholder <	design of the product	Complete unit
manufacturer's article number 3SU1400-1AA10-1BA0 • of supplied contact module at position 2 3SU1400-1AA10-1BA0 • of the supplied holder 3SU1400-1AA10-1BA0 • of the supplied holder 3SU1550-0BA10-0AA0 • of the supplied actuator 3SU1030-7BB10-0AA0 Shape of the enclosure front round Actuator with mechanical interlocking grinciple of operation of the actuating element latching grinciple of operation of the actuating element latching material of the actuating element black material of the actuating element black or of the actuating element black number of contact modules 2 type of unlocking olevice push-to-unlatch mechanism number of switching positions 2 type of unlocking device push-to-unlatch mechanism number of switching positions 2 feotit ring high material of the front ring Metal, matt color of the front ring Yes design of the front ring Netal, matt color of the front ring Sign and gray Holder Plastic	product type designation	3SU1
	product line	Plastic with metal front ring, matt, 22 mm
• of supplied contact module at position 4 3SU1400-1AA10-1BA0 • of the supplied actuator 3SU1550-0BA10-0AA0 • of the supplied actuator 3SU1030-7BB10-0AA0 Enclosure round Actuator interplate actuating element design of the actuating element latching direction of of actuating element latching direction of of the actuating element latching oclor of the actuating element black material of the actuating element plastic shape of the actuating element plastic 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 material of the front ring Yes design of the front ring Yes design of the front ring Metal, matt color of the front ring sand gray	manufacturer's article number	
of the supplied holder of the supplied actuator assure of the supplied actuator assure of the supplied actuator assure of the enclosure front actuating element actuating	 of supplied contact module at position 2 	<u>3SU1400-1AA10-1BA0</u>
• of the supplied actuator 3SU1030-7BB10-0AAQ Enclosure round Actuator round design of the actuating element with mechanical interlocking principle of operation of the actuating element latching direction of actuation vertical product extension optional light source No color of the actuating element black material of the actuating element plastic shape of the actuating element shape 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 high material of the front ring Ne design of the front ring Sand gray Holder Plastic General technical data 500 V insulation voltage rated value 500 V insulation voltage rated value 600 V design of blage of the operating voltage AC/DC surge voltage resistance rated value 6 kV	 of supplied contact module at position 4 	<u>3SU1400-1AA10-1BA0</u>
Enclosure shape of the enclosure front round Actuator with mechanical interlocking design of the actuating element latching direction of actuation vertical product extension optional light source No color of the actuating element plastic shape of the actuating element so 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 high material of the front ring high material of the front ring high material of the holder Plastic Geoign of the front ring sand gray Holder material of the holder product function positive opening No insulation voltage rated value<	 of the supplied holder 	<u>3SU1550-0BA10-0AA0</u>
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principle of operation of the actuating element latching direction of actuation vertical product extension optional light source No color of the actuating element black material of the actuating element plastic shape of the actuating element sols mm 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 Yes design of the front ring Metal, matt color of the holder Plastic General tochnical data Product function positive opening product function positive opening No insulation voltage rated value 50 V degree of pollution 3 type of voltage rated value 6 kV	Actuator	
direction of actuation 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 2 type of unlocking device push-to-unlatch mechanism number of switching positions 2 Maximum deflection angle [°] 30° Front ring Yes product component front ring Netal, matt color of the front ring Metal, matt color of the holder Plastic General technical data Product function positive opening 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	design of the actuating element	with mechanical interlocking
product extension optional light source No color of the actuating element black material of the actuating element plastic shape of the actuating element 30.5 mm 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 Yes design of the front ring Metal, matt color of the front ring Metal, matt color of the holder Plastic General technical data	principle of operation of the actuating element	latching
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material of the actuating elementplasticshape of the actuating element30.5 mmouter diameter of the actuating element30.5 mmnumber of contact modules2type of unlocking devicepush-to-unlatch mechanismnumber of switching positions2Maximum deflection angle [°]30°Front ringYesproduct component front ringYesdesign of the front ringMetal, mattcolor of the front ringsand grayHolderPlasticgeneral technical data500 Vjustition positive openingNoinsulation voltage rated value500 Vdegree of pollution3type of voltage of the operating voltageAC/DCsurge voltage resistance rated value6 kV	product extension optional light source	No
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 Yes design of the front ring Yes design of the front ring Metal, matt color of the front ring Metal, matt color of the front ring Metal, matt material of the holder Plastic general technical data 500 V degree of pollution 3 type of voltage of the operating voltage AC/DC surge voltage resistance rated value 6 kV	color of the actuating element	black
outer diameter of the actuating element30.5 mmnumber of contact modules2type of unlocking devicepush-to-unlatch mechanismnumber of switching positions2Maximum deflection angle [°]30°Front ringYesproduct component front ringYesdesign of the front ringMetal, mattcolor of the front ringSand grayHolderPlasticgeneral technical data500 Vproduct function positive openingNoinsulation voltage rated value500 Vdegree of pollution3type of voltage of the operating voltageAC/DCsurge voltage resistance rated value6 kV	material of the actuating element	plastic
number of contact modules 2 type of unlocking device push-to-unlatch mechanism number of switching positions 2 Maximum deflection angle [°] 30° Front ring Yes design of the front ring Yes design of the front ring Metal, matt color of the front ring sand gray Holder Plastic General technical data product function positive opening 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	shape of the actuating element	Extended handle
type of unlocking devicepush-to-unlatch mechanismnumber of switching positions2Maximum deflection angle [°]30°Front ringYesproduct component front ringYesdesign of the front ringhighmaterial of the front ringMetal, mattcolor of the front ringsand grayHolderPlasticgroduct function positive openingNoinsulation voltage rated value500 Vdegree of pollution3type of voltage of the operating voltageAC/DCsurge voltage resistance rated value6 kV	outer diameter of the actuating element	30.5 mm
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 Plastic General technical data Fourt function positive opening 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 Yes product component front ring high material of the front ring Metal, matt color of the front ring sand gray Holder Plastic General technical data Froduct function positive opening 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 Yes design of the front ring high material of the front ring Metal, matt color of the front ring sand gray Holder Plastic material of the holder Plastic General technical data product function positive opening 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 switching positions	2
product component front ringYesdesign of the front ringhighmaterial of the front ringMetal, mattcolor of the front ringsand grayHolderPlasticmaterial of the holderPlasticGeneral technical dataNoproduct function positive openingNoinsulation voltage rated value500 Vdegree of pollution3type of voltage of the operating voltageAC/DCsurge voltage resistance rated value6 kV	Maximum deflection angle [°]	30°
design of the front ringhighmaterial of the front ringMetal, mattcolor of the front ringsand grayHolderPlasticmaterial of the holderPlasticGeneral technical dataNoproduct function positive openingNoinsulation voltage rated value500 Vdegree of pollution3type of voltage of the operating voltageAC/DCsurge voltage resistance rated value6 kV	Front ring	
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color of the front ringsand grayHolderPlasticmaterial of the holderPlasticGeneral technical dataNoproduct function positive openingNoinsulation voltage rated value500 Vdegree of pollution3type of voltage of the operating voltageAC/DCsurge voltage resistance rated value6 kV	design of the front ring	high
Holder material of the holder Plastic General technical data Plastic 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 Plastic General technical data No 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	color of the front ring	sand gray
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	Holder	
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 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 	100 000
electrical endurance (switching cycles) typical	10 000 000
electrical endurance (switching cycles) with	10 000 000
contactors 3RT1015 to 3RT1026 typical	
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	-
turne of electrical connection of modules and ecoecoeries	Carou type terminal
type of electrical connection of modules and accessories	Screw-type terminal
type of connectable conductor cross-sections	
type of connectable conductor cross-sections • solid with core end processing	2x (0.5 0.75 mm²)
type of connectable conductor cross-sections solid with core end processing solid without core end processing 	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²)
type of connectable conductor cross-sections solid with core end processing solid without core end processing finely stranded with core end processing 	2x (0.5 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²)
 type of connectable conductor cross-sections solid with core end processing solid without core end processing finely stranded with core end processing finely stranded without core end processing 	2x (0.5 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²) 2x (1,0 1,5 mm ²)
 type of connectable conductor cross-sections solid with core end processing solid without core end processing finely stranded with core end processing finely stranded without core end processing at AWG cables 	2x (0.5 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²) 2x (1,0 1,5 mm ²) 2x (18 14)
type of connectable conductor cross-sections • solid with core end processing • solid without core end processing • 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 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²) 2x (1,0 1,5 mm ²) 2x (18 14) 1 1.2 N·m
 type of connectable conductor cross-sections solid with core end processing solid without core end processing finely stranded with core end processing finely stranded without core end processing at AWG cables 	2x (0.5 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²) 2x (1,0 1,5 mm ²) 2x (18 14)
type of connectable conductor cross-sections • 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 • at AWG cables tightening torque of the screws in the bracket tightening torque for auxiliary contacts with screw-type	2x (0.5 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²) 2x (1,0 1,5 mm ²) 2x (18 14) 1 1.2 N·m
type of connectable conductor cross-sections • 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 • 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 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²) 2x (1,0 1,5 mm ²) 2x (18 14) 1 1.2 N·m
type of connectable conductor cross-sections • solid with core end processing • solid without core end processing • 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 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²) 2x (1,0 1,5 mm ²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m
type of connectable conductor cross-sections • 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 • 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 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²) 2x (1,0 1,5 mm ²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m
type of connectable conductor cross-sections • 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 • 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 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²) 2x (1,0 1,5 mm ²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m
type of connectable conductor cross-sections • 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 • 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 failure rate [FIT] with low demand rate according to SN	2x (0.5 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²) 2x (1,0 1,5 mm ²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 100 000 20 %
 type of connectable conductor cross-sections solid with core end processing solid without core end processing 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 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 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²) 2x (1,0 1,5 mm ²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 100 000 20 % 20 %
type of connectable conductor cross-sections • solid with core end processing • solid without core end processing • 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 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions	2x (0.5 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²) 2x (1,0 1,5 mm ²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 100 000 20 % 20 %
type of connectable conductor cross-sections • solid with core end processing • solid without core end processing • 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 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions ambient temperature	2x (0.5 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²) 2x (1,0 1,5 mm ²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 100 000 20 % 20 % 100 FIT
type of connectable conductor cross-sections • 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 • 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 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions ambient temperature • during operation	2x (0.5 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²) 2x (1,0 1,5 mm ²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 100 000 20 % 20 % 100 FIT -25 +70 °C
type of connectable conductor cross-sections • solid with core end processing • solid without core end processing • 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 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 during operation • during storage	2x (0.5 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²) 2x (1,0 1,5 mm ²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 100 000 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C
type of connectable conductor cross-sections • 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 • 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 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions ambient temperature • during operation	2x (0.5 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²) 2x (1,0 1,5 mm ²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 100 000 20 % 20 % 100 FIT -25 +70 °C
type of connectable conductor cross-sections solid with core end processing solid without core end processing 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 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 during operation during storage environmental category during operation according to IEC 	2x (0.5 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²) 2x (1,0 1,5 mm ²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 100 000 20 % 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
type of connectable conductor cross-sections • solid with core end processing • solid without core end processing • 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 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 during operation • during operation • during storage environmental category during operation according to IEC 60721	2x (0.5 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²) 2x (1,0 1,5 mm ²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 100 000 20 % 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
type of connectable conductor cross-sections • solid with core end processing • solid without core end processing • 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 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 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 during operation • during operation • during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions	2x (0.5 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²) 2x (1,0 1,5 mm ²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 100 000 20 % 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)
type of connectable conductor cross-sections solid with core end processing solid without core end processing finely stranded with 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 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Installation/ mounting/ dimensions fastening method	2x (0.5 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²) 2x (1,0 1,5 mm ²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 100 000 20 % 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) front plate mounting
type of connectable conductor cross-sections solid with core end processing solid without core end processing finely stranded with 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 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 (0.5 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²) 2x (1,0 1,5 mm ²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 100 000 20 % 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) front plate mounting Front plate mounting Front plate mounting
type of connectable conductor cross-sections • solid with core end processing • solid without core end processing • 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 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 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²) 2x (1,0 1,5 mm ²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 100 000 20 % 20 % 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) front plate mounting Front plate mounting Front plate mounting Front plate mounting 40 mm
type of connectable conductor cross-sections • solid with core end processing • solid without core end processing • finely stranded with 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 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method • of modules and accessories height width	2x (0.5 0.75 mm ²) 2x (1.0 1.5 mm ²) 2x (0.5 1.5 mm ²) 2x (1,0 1,5 mm ²) 2x (18 14) 1 1.2 N·m 0.8 1 N·m 100 000 20 % 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) front plate mounting Front plate mounting Front plate mounting 40 mm 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,...)

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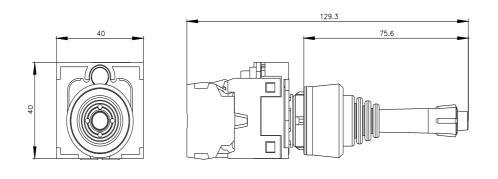
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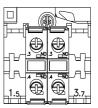
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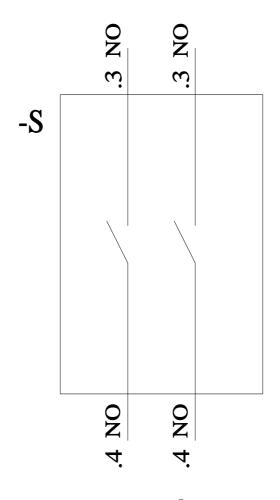
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Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1130-7BB10-1NA0-Z X90

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1130-7BB10-1NA0-Z X90&lang=en







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