SIEMENS

Data sheet



Selector switch, illuminable, 22 mm, round, metal, shiny, white, selector switch, short, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, with holder, 1 NO, screw terminal, Z=20-unit packaging

product brand name	SIRIUS ACT
product designation	Selector switches
design of the product	Complete unit
product type designation	3SU1
product line	Metal, shiny, 22 mm
manufacturer's article number	
 of supplied contact module at position 1 	3SU1400-1AA10-1BA0
of the supplied holder	3SU1550-0AA10-0AA0
of the supplied actuator	3SU1052-2BF60-0AA0
Enclosure	
number of command points	1
Actuator	
design of the actuating element	Selector, short
principle of operation of the actuating element	latching, 90° (10:30 h/13:30 h)
product extension optional light source	Yes
color of the actuating element	white
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	32.3 mm
number of contact modules	1
number of switching positions	2
actuating angle	
• clockwise	90°
Front ring	
product component front ring	Yes
design of the front ring	standard
material of the front ring	Metal, high gloss
color of the front ring	silver
Holder	
material of the holder	Plastic
Display	
number of LED modules	0
General technical data	
product function positive opening	No
product component light source	No
insulation voltage rated value	500 V
degree of pollution	3
type of voltage of the operating voltage	AC/DC
surge voltage resistance rated value	6 kV
protection class IP	IP66, IP67, IP69(IP69K)

e- of the ferminal production NEMA rating 1, 2, 3, 8, 4, 4x, 12, 13 shock resistance 1, 2, 3, 8, 4, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 3, 8, 4, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 3, 8, 4, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 3, 8, 4, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 3, 8, 4, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 3, 8, 4, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 8, 4, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 8, 4, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 8, 4, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 8, 4, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 8, 4, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 8, 4, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 8, 4, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 8, 4, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 8, 4x, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 8, 4x, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 8, 4x, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 8, 4x, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 8, 4x, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 4x, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 4x, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 4x, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 4x, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 4x, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 4x, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 4x, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 4x, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 4x, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 4x, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 4x, 4x, 12, 13 sinusoidal half-wave 15g / 11 ms 1, 2, 2, 2, 3, 4x, 4x, 12, 13 sinusoidal half-wave 1		
shock resistance a according to IEC 80088-2-87 vibration resistance a cocreting to IEC 90088-2-8 operating frequency maximum 1 800 1h mechanical services life (operating cycles) typical 1 000 000 Internal current 1 0A reference code according to IEC 81348-2 continuous current of the 0 characteristic MCB 1 0A. for a short-circuit current smaller than 400 A continuous current of the Quick District flues link g0 1 0A solutious current of the Quick District flues link g0 1 0A solutious current of the Quick District flues link g0 1 0A continuous current of the Quick District flues link g0 1 0A solutious current of the Quick District flues link g0 1 0A solutious current of the Quick District flues link g0 1 0A solutious current of the Quick District flues link g0 1 0A solutious current of the Quick District flues link g0 1 0A solutious current of the Quick District flues link g0 1 0A solutious current of the Quick District flues link g0 1 0A solutious current of the Quick District flues link g0 1 0A solutious current of the Quick District flues link g0 1 0A solutious current of the Quick District flues link g0 1 0A solutious current of the Quick District flues link g0 1 0A solutious current of the Quick District flues link g0 1 0A solutious current of the Quick District flues link g0 5 500 V 5 500 V 6	of the terminal	
# encording to IEC 60988-2-7 # encording to IEC 60988-2-6 ## provided in the company of the co	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
withation resistance according to EE 600692-46 operating frequency maximum mechanical service life (perating cycles) typical 1 000 000 debrid and current 10 A reference code cording to IEC 81346-2 Sontinuous current of the Quick DUAZED fuse link pG continuous current of the Quick DUAZED fuse link pG continuous current of the Quick DUAZED fuse link pG continuous current of the Quick DUAZED fuse link pG continuous current of the Quick DUAZED fuse link pG continuous current of the Quick DUAZED fuse link pG divided to IAC — at 50 Hz rated value — at 50 Hz r	shock resistance	
execording to IEC 50088-2-6 goerating frequency maximum mechanical service life (operating cycles) typical mechanical service life (operating cycles) typical to 800 000 ference code according to IEC 81346-2 S continuous current of the Characteristic MCB 10 A. for a short-circuit current smaller than 400 A continuous current of the Quinc DIAZED fuse link g0 10 A. for a short-circuit current smaller than 400 A continuous current of the Quinc DIAZED fuse link g0 10 A Substance Prohibitance (Date) poperating voltage a IAC — a 150 Hz rated value	• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
poperating frequency maximum mechanical service life (operating cycles) typical decirical endurance (operating cycles) typical 10 000 000 feectrical endurance (operating cycles) typical 10 000 000 feectrical endurance (operating cycles) typical 10 A reference code according to IEC 81346-2 S continuous current of the C characteriatic MCB 10 A continuous current of the Quick DLAZED fuse link gG 10 A Substance Prohibitance (Date) 10 DATE of the Continuous current of the quick DLAZED fuse link gG 10 A Substance Prohibitance (Date) 10 DATE of the Continuous current of the Quick DLAZED fuse link gG 10 A Substance Prohibitance (Date) 10 DATE of the Continuous current of the Quick DLAZED fuse link gG 10 A Substance Prohibitance (Date) 10 DATE of the Continuous current of the DLAZED fuse link gG 10 A Substance Prohibitance (Date) 10 DATE of the Continuous current of the DLAZED fuse link gG 10 A Substance Prohibitance (Date) 10 DATE of the Continuous current of the DLAZED fuse link gG 10 A Substance Prohibitance (Date) 10 DATE of the Continuous current of the DLAZED fuse link gG 10 A Substance Prohibitance (Date) 10 DATE of the Continuous current of the DLAZED fuse link gG 10 A Substance Prohibitance (Date) 10 DATE of the Continuous current of the DLAZED fuse link gG 10 A Substance Prohibitance Continuous current of the Continuous c	vibration resistance	
mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical thermal current 10 A reference code according to EC 81346-2 S S Continuous current of the Characteristic MCB Continuous current of the Quick DUAZED fuse link Continuous current of the Quick Duale (S Substance Prohibitance (Date) - at 60 Piz rated value - at	• according to IEC 60068-2-6	10 500 Hz: 5g
electrical endurance (operating cycles) typical thormal current thormal current reference code according to IEC 81346-2 S continuous current of the C characteristic MCB Ornthious current of the Quick DIAZED fuse link Ocontinuous current of the Quick DIAZED fuse link g Ocontinuous current of the Continuous g Ocontinuous g Ocontinuous current of the Continuous g Ocontinuous g Ocontinuous current of the Continuous g Ocontinuous g Ocontinuous g	operating frequency maximum	1 800 1/h
thermal current reference code according to IEC 81346-2 Sortinuous current of the C characteristic MCB continuous current of the Quick DIAZED fase link continuous current of the Quick DIAZED fase link 10 A continuous current of the Quick DIAZED fase link 10 A Substance Prohibitance (Date) poperating voltage • at AC — at 50 Hz rated value 5 500 V — at 60 Hz rated value 5 500 V — at 60 Hz rated value 5 500 V — at 60 Hz rated value 5 500 V — at 60 Hz rated value 5 500 V — at 60 Hz rated value 5 500 V — at 60 Hz rated value 5 500 V — at 10 Hz rated value 5 500 V — at 60 Hz rated value 5 500 V Power Electronics contact reliability One matoperation per 100 million (17 V, 5 mA), one matoperation per 10 million (5 V, 1 mA) Auxiliary circuit design of the contact of auxiliary contacts 1 Connections of auxil	mechanical service life (operating cycles) typical	1 000 000
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 DAIZED fuse link g 10 A Substance Prohibitance (Date) 100/12014 operating voltage • at AC — at 50 Hz rated value 5500 V — at 60 Hz rated value 5500 V • at CONDITION CONTINUE • at CONDITION CONTINUE - at 50 Hz rated value 5500 V - at 50 Hz rated value 5500 V - at 60 Hz rated value 5500 V - at 60 Hz rated value 5500 V - at 70 Hz rated value 5500 V - at 70 Hz rated value 5500 V - at 80 Hz rated value 5500 V - at 70 Hz rated value 5500 V - at 80 Hz rated value 5500 V - at 70 Hz rated value 5500 V - at 80 Hz rated value 7500 V - at 80 Hz rated value 8500 V - at 80 Hz rated value 9500 V -	electrical endurance (operating cycles) typical	10 000 000
continuous current of the C characteristic MCB continuous current of the quick DAZED tree link continuous current of the Quick DAZED tree link continuous current of the Quick DAZED tree link continuous current of the DAZED tree link continuous current of the DAZED tree link GD 10 Substance Prohibitance (Date) parking voltage • at AC — at 50 Hz rated value — at 60	thermal current	10 A
continuous current of the Quick DIAZED fuse link gO Substance Prohibitance (Dato) 1001/2014 1001	reference code according to IEC 81346-2	S
continuous current of the DIAZED fuse link gG Substance Prohibitance (Dato) 100/12014	continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
Substance Prohibitance (Date) operating voltage	continuous current of the quick DIAZED fuse link	10 A
Substance Prohibitance (Date) operating voltage	continuous current of the DIAZED fuse link gG	10 A
operating voltage at AC — at 50 Hz rated value — at 60 Hz rated value — at 60 Hz rated value 5 500 V e at DC rated value 5 500 V Power Electronics contact reliability Cone maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (6 V, 1 mA) design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 Connections/ Terminals type of electrical connection software and accessories solid with oze end processing e solid with oze end processing 1 Secure-type terminal 1 Secure-type terminal 2 V(10 1,5 mm²) 1 Enely stranded with oze end processing 1 Secure-type terminal 2 V(10 1,5 mm²) 1 Enely stranded with oze end processing 2 V(10 1,5 mm²) 3 V(10 1,5 mm²) 4 V(10 1,5 mm²) 5 V(10 1,5 mm²) 6 V(10 1,5 mm²) 7 V(10 1,5 mm²) 8 V(10 1,5 mm²) 8 V(10 1,5 mm²) 8 V(10 1,5 mm²) 9 V(10		10/01/2014
at AC at 50 Hz rated value at 00 Hz rated value 5 500 V at 10C rated value 5 500 V contact rollability Cone maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (8 V, 1 mA) Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 Connections/ Terminals Silver alloy number of NC contacts for auxiliary contacts 1 Connections/ Terminals Screw-type terminals Screw-type terminals 4 x (10 5 0.75 mm²) a solid with core end processing a solid with core end processing a solid with core end processing a solid without core end processing a finely stranded without core and processing a finely stranded without core end processing a for AWG cables tightening forque of the screws in the bracket 1 1.2 Nm tightening forque with screw-type terminals B10 value with high demand rate according to SN 31920 proportion of dangerous failures with low demand rate according to SN 31920 a with ligh demand rate according to SN 31920 a with ligh demand rate according to SN 31920 a with ligh demand rate according to SN 31920 a with ligh demand rate according to SN 31920 a with ligh demand rate according to SN 31920 a with ligh demand rate according to SN 31920 a with ligh demand rate according to SN 31920 a with ligh demand rate according to SN 31920 a with ligh demand rate according to SN 31920 a with ligh demand rate according to SN 31920 a with ligh demand rate according to SN 31920 a with ligh demand rate according to SN 31920 a with ligh demand rate according to SN 31920 a with ligh demand rate according to SN 31920 a with ligh demand rate according to SN 31920 a with ligh demand rate according to SN 31920 b with ligh demand rate according to SN 31920 a with ligh demand rate according to SN 31920 a with ligh demand rate according to SN 31920 b with lightening to the demand rate according to SN 31920 b with lightening to the demand rate according to SN 31920 a with lightening to the demand rate ac	·	
- at 50 Hz rated value 5500 V - at 60 Hz rated value 5500 V ***a Total value 5500 V ***Power Floritonics** contact reliability Check S500 V ***Power Floritonics** contact reliability Check S500 V ***Auxiliary circuit		
at DC rated value 5500 V at DC rated value 5500 V power Electronics contact reliability Cne maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (8 V, 1 mA) Auxiliary circuit design of the contact of auxiliary contacts Silver alloy number of NC contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 1 Connections/ Terminals Type of electrical connection		5 500 V
e at DC rated value Power Electronics		
Context reliability		
contact reliability Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts 1 Connections/ Terminals type of electrical connection of modules and accessories solid with core end processing solid without core end processing finely stranded with core end processing finely stranded without core end processing finely stranded with core end processing finely stranded without core end processing finely stranded with core end processing finely stranded with core end processing finely stranded without stranded with core end processing finely stranded with core end proces		5 555 T
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts 1 Connection's Terminals Type of electrical connection of modules and accessories solid with core end processing solid with outcore end processing inley stranded without core end processing finely stranded with stranded without core end processing finely stranded without core end processing finely stranded without core end processing finely stranded with stranded without core end processing finely stranded without core end processing finely stranded without core end processing finely stranded with core end processing		One maloneration per 100 million (17 \/ 5 m/), one maloneration per 10 million
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 Connections/ Terminals type of electrical connection of modules and accessories Screw-type terminal type of electrical connection of modules and accessories Screw-type terminal type of connectable conductor cross-sections occurrence occurrenc	Contact renability	
design of the contact of auxiliary contacts Silver alloy	Auxiliary circuit	
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts 1 Connections/ Terminals type of electrical connection		Silver allov
number of NO contacts for auxiliary contacts type of electrical connection		
Connections/ Terminals Screw-type terminals type of electrical connection Screw-type terminal • of modules and accessories Screw-type terminal type of connectable conductor cross-sections Scild with core end processing 2x (0.5 0.75 mm²) • solid without core end processing 2x (1.0 1.5 mm²) Finely stranded with core end processing 2x (1.0 1.5 mm²) • finely stranded without core end processing 2x (1.0 1.5 mm²) Finely stranded without core end processing 2x (1.0 1.5 mm²) • finely stranded without core end processing 2x (1.0 1.5 mm²) Finely stranded without core end processing 2x (1.0 1.5 mm²) • finely stranded without core end processing 2x (1.0 1.5 mm²) Finely stranded without core end processing 2x (1.0 1.5 mm²) • finely stranded without core end processing 2x (1.0 1.5 mm²) 2x (1.0 1.5 mm²) • vith light demand rate according to SN 31920 100 000 100 000 • with light demand rate according to SN 31920 20 % 20 % • with light demand rate according to SN 31920 20 % 100 FIT • with low demand rate according to SN 31920 20 % 20 % • during operatio		
type of electrical connection of modules and accessories Screw-type terminals Screw-type terminal type of connectable conductor cross-sections osolid with core end processing electropic former of the processing electropic for AWG cables for AWG cables tightening torque of the screws in the bracket tightening torque of the screws in the bracket tightening torque with screw-type terminals Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to SN 31920 with high demand rate according to SN 31920 ambient conditions ambient temperature during operation eduring 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 diameter positive tolerance of installation diameter mounting height installation width 32.3 mm finstallation width 32.3 mm mounting height installation width 32.3 mm mounting height installation width 32.3 mm mounting height installation width		'
type of connectable conductor cross-sections • solid without core end processing • solid without core end processing • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • for AWG cables • for AWG cables tightening torque of the screws in the bracket tightening torque with screw-type terminals 8		account transfer la
type of connectable conductor cross-sections • solid with core end processing • solid with core end processing • solid with core end processing • finely stranded with core end processing • finely stranded with core end processing • finely stranded without core end processing • finely stranded without core end processing • for AWG cables • for AWG cables • for AWG cables tightening torque of the screws in the bracket tightening torque of the screw-type terminals Safety related data B10 value 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 with high demand rate according to SN 31920 with high demand rate according to SN 31920 ambient conditions ambient temperature • during operation • during operation • during storage environmental category during operation according to IEC 60721 condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions fastening method • of modules and accessories Front plate mounting height width 32.3 mm shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width 32.3 mm installation width 32.3 mm		**
* solid with core end processing * solid without 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 * 2x (1.0 1.5 mm²) * finely stranded without core end processing * 2x (1.5 1.5 mm²) * for AWG cables * 2x (1.8 14) * tightening torque of the screws in the bracket * 1 1.2 N·m * tightening torque with screw-type terminals * 0.8 0.9 N·m * Safety related data B 10 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 * with high demand rate according to SN 31920 * with high demand rate according to SN 31920 * with high demand rate according to SN 31920 * with high demand rate according to SN 31920 * with nigh demand rate according to SN 31920 * wi		Screw-type terminal
• solid without core end processing • finely stranded with core end processing • finely stranded with core end processing • finely stranded without core end processing • finely stranded without core end processing • for AWG cables 2x (1.0 1.5 mm²) • for AWG cables 2x (1.0 1.5 mm²) • for AWG cables 1 1.2 N·m tightening torque of the screws in the bracket 1 1.2 N·m tightening torque with screw-type terminals 0.8 0.9 N·m Safety related data B10 value with high demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • with low demand rate according to SN 31920 • during rate according to SN 31920 • during operation • during operation • during storage • during storage • 40 +80 °C and SS2, 382, 383, 383, 383, 383, 383, 383, 38		0.40 - 0.00
• finely stranded with core end processing 2x (0.5 1.5 mm²) • finely stranded without core end processing 2x (1.0 1.5 mm²) • for AWG cables 2x (18 14) tightening torque of the screws in the bracket 1 1.2 N·m tightening torque with screw-type terminals 0.8 0.9 N·m Safety related data B10 value with high demand rate according to SN 31920 100 000 proportion of dangerous failures 0.8 m. 31920 20 % • with low demand rate according to SN 31920 20 % • with high demand rate according to SN 31920 20 % failure rate [FIT] with low demand rate according to SN 31920 100 FIT Ambient conditions 25 +70 °C • during operation -25 +70 °C • during storage -40 +80 °C environmental category during operation according to IEC 3M6, 352, 382, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/mounting/dimensions Front plate mounting height 40 mm width 32.3 mm shape of the installation opening round mounting diameter 22.3 mm positive tolerance of installation diameter 0.4 mm mounting height 28.8 mm installation width 32.3 mm		
• finely stranded without core end processing • for AWG cables 2x (101,5 mm²) • for AWG cables 2x (1814) tightening torque of the screws in the bracket 11.2 N·m tightening torque with screw-type terminals 0.80.9 N·m 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 20 % • with high demand rate according to SN 31920 20 % 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 condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions fastening method • of modules and accessories height 40 mm width shape of the installation opening mounting diameter positive tolerance of installation diameter	• • •	· · · · · · · · · · · · · · · · · · ·
tightening torque of the screws in the bracket tightening torque with screw-type terminals 0.8 0.9 N·m 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 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 Ambient conditions ambient temperature • during operation • during storage • during storage • during storage • during mental category during operation according to IEC 60721 stallation/ mounting/ dimensions fastening method • of modules and accessories height width 32.3 mm shape of the installation opening mounting diameter positive tolerance of installation diameter nounting height 28.8 mm installation width 32.3 mm		
tightening torque of the screws in the bracket tightening torque with screw-type terminals 0.8 0.9 N·m 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 • with high demand rate according to SN 31920 • with high 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 • avoir in which is a storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method • of modules and accessories height width 32.3 mm shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height 28.8 mm installation width 32.3 mm		
tightening torque 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 • with high 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 • during storage • during operation according to IEC • dorong the storage environmental category during operation according to IEC condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions fastening method • of modules and accessories height 40 mm width 32.3 mm shape of the installation opening mounting diameter positive tolerance of installation diameter 0.4 mm mounting height 28.8 mm installation width 32.3 mm	for AWG cables	· · ·
Safety related data B10 value with high demand rate according to SN 31920 100 000 proportion of dangerous failures • with low demand rate according to SN 31920 20 % • with high demand rate according to SN 31920 100 FIT Ambient conditions ambient temperature • during operation -25 +70 °C • during storage -40 +80 °C environmental category during operation according to IEC 60721 3M6, 352, 382, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions fastening method • of modules and accessories Front plate mounting height 40 mm width 32.3 mm shape of the installation opening round mounting diameter 22.3 mm positive tolerance of installation diameter 0.4 mm mounting height 28.8 mm installation width 32.3 mm	tightening torque of the screws in the bracket	1 1.2 N·m
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 • 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 Front plate mounting height width shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width 32.3 mm shape installation width 32.3 mm mounting height 28.8 mm installation width 32.3 mm	tightening torque with screw-type terminals	0.8 0.9 N·m
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 cenvironmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method • of modules and accessories height width 32.3 mm shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width 32.3 mm shallation width 32.3 mm 20 % 20	Safety related data	
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 32.3 mm shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width 32.3 mm shape installation diameter positive tolerance of installation diameter mounting height installation width 32.3 mm 32.3 mm 32.3 mm 32.3 mm	B10 value with high demand rate according to SN 31920	100 000
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 mounting height installation width 32.3 mm installation width 32.3 mm positive tolerance of installation diameter mounting height installation width 32.3 mm installation width 32.3 mm	proportion of dangerous failures	
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 mounting height installation width 100 FIT 1	 with low demand rate according to SN 31920 	20 %
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 Front plate mounting height width 32.3 mm shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height 28.8 mm installation width 32.3 mm	 with high demand rate according to SN 31920 	20 %
ambient temperature • during operation • during storage environmental category during operation according to IEC environmental category during operation according to IEC condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions fastening method • of modules and accessories Front plate mounting height 40 mm width 32.3 mm shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height 28.8 mm installation width 32.3 mm	failure rate [FIT] with low demand rate according to SN 31920	100 FIT
 during operation during storage during storage environmental category during operation according to IEC 60721 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions fastening method of modules and accessories Front plate mounting height 40 mm width 32.3 mm shape of the installation opening round mounting diameter 22.3 mm positive tolerance of installation diameter mounting height 28.8 mm installation width 32.3 mm	Ambient conditions	
 during operation during storage during storage environmental category during operation according to IEC 60721 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions fastening method of modules and accessories Front plate mounting height 40 mm width 32.3 mm shape of the installation opening round mounting diameter 22.3 mm positive tolerance of installation diameter mounting height 28.8 mm installation width 32.3 mm	ambient temperature	
oduring 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 mounting height installation width 28.8 mm installation width 32.3 mm -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 40 mm vidth 32.3 mm shape of the installation opening mounting diameter 22.3 mm positive tolerance of installation diameter 32.8 mm installation width 32.3 mm	•	-25 +70 °C
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 mounting height installation width accessories Shape of the installation diameter mounting height 28.8 mm installation width 32.3 mm 28.8 mm installation width 32.3 mm		
Installation/ mounting/ dimensions fastening method	environmental category during operation according to IEC	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
fastening method of modules and accessories Front plate mounting height 40 mm width 32.3 mm shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width 32.3 mm		
● of modules and accessories Front plate mounting height 40 mm width 32.3 mm shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width Front plate mounting 40 mm 22.3 mm 22.4 mm 22.8 mm 32.3 mm		
height 40 mm width 32.3 mm shape of the installation opening round mounting diameter 22.3 mm positive tolerance of installation diameter 0.4 mm mounting height 28.8 mm installation width 32.3 mm		Front plate mounting
width32.3 mmshape of the installation openingroundmounting diameter22.3 mmpositive tolerance of installation diameter0.4 mmmounting height28.8 mminstallation width32.3 mm		
shape of the installation opening mounting diameter 22.3 mm positive tolerance of installation diameter 0.4 mm mounting height 28.8 mm installation width 32.3 mm		
mounting diameter 22.3 mm positive tolerance of installation diameter 0.4 mm mounting height 28.8 mm installation width 32.3 mm		
positive tolerance of installation diameter mounting height installation width 0.4 mm 28.8 mm 32.3 mm		
mounting height 28.8 mm installation width 32.3 mm	_	
installation width 32.3 mm	·	
installation depth 49.7 mm		
	installation depth	49.7 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=3SU1150-2BF60-1BA0-Z X90

Cax online generator

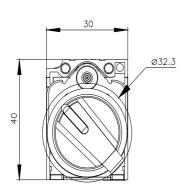
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1150-2BF60-1BA0-Z~X90}$

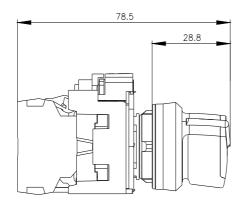
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

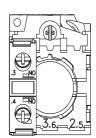
https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-2BF60-1BA0-Z X90

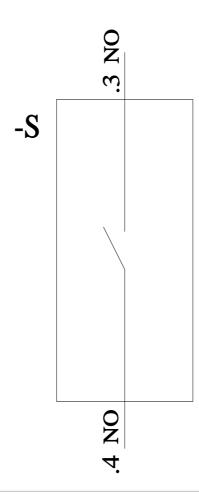
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1150-2BF60-1BA0-Z X90&lang=en









last modified: 1/26/2022 🖸