3SU1103-2BF60-1BA0-Z Y15

Data sheet



Selector switch, illuminable, 22 mm, round, plastic, white, selector switch, short, 2 switch positions O-I, latching, 10:30h/13:30h, with holder, with LED module, with integrated LED 110 V AC, 1 NO, screw terminal, with laser labeling, upper case and lower case, always upper case at the beginning of the word

product brand name	SIRIUS ACT
product designation	Selector switches
design of the product	Complete unit
product type designation	3SU1
product line	Plastic, black, 22 mm
manufacturer's article number	
 of supplied contact module at position 1 	3SU1400-1AA10-1BA0
 of supplied LED module 	3SU1401-1BC60-1AA0
of the supplied holder	3SU1550-0AA10-0AA0
 of the supplied actuator 	3SU1002-2BF60-0AA0
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
marking of the actuating element	Customized labeling, text in lower case / capital letters, all words start with capital letters
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	plastic
color of the front ring	black
Holder	
material of the holder	Plastic
Display	
number of LED modules	1
General technical data	
product function positive opening	No
product component light source	Yes
insulation voltage rated value	320 V

surge voltage resistance rated value of the terminal egree of protection class IP of the terminal elegree of protection REMA rating 1.2.3, 3.8, 4, 4X, 12, 13 shock resistance occording to LEC 60068-2-67 of railway applications according to EN 61373 vibration resistance occording to LEC 60068-2-6 of railway applications according to EN 61373 dates of the terminal of the control of t	degree of pollution	2
surge voltage resistance rated value protection lass IP of the terminal degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 Vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum mechanical service life (switching cycles) typical 10 000 000 electrical andurance (switching cycles) typical 10 000 000 telerance code according to IEC 81346-2 freference code according to IEC 81346-2 continuous current of the quick DIAZED fuse link continuous current of the OiaZed at AC at 50 Hz rated value 5 500 V 3 500 V 4 10 One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA) Supply voltage of the light source at AC at 50 Hz rated value 3 500 V 4 10 V 5 500 V 5 500 V 5 500 V 6 500 V 7 500 V 7 500 V 8 500 V 9 50	degree of pollution	3
protection class IP	7	
degree of protection NEMA rating shock resistance according to IEC 60068-2-27 for rallway applications according to EN 61373 Vibration resistance according to IEC 60068-2-6 for rallway applications according to EN 61373 Operating frequency maximum mechanical service life (switching cycles) typical detertical endurance (switching cycles) typical for ferrence code according to IEC 81348-2 Southause current of the Quilz Discussion (S. 10 A. 10		
degree of protection NEMA rating shock resistance	•	
shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-8 for railway applications according to EN 61373 operating frequency maximum mechanical service life (switching cycles) typical electrical endurance (switching cycles) typical thermal current reference code according to IEC 81346-2 Sontinuous current of the DC Aractedristic MCB continuous current of the Quick DIAZED fuse link G continuous current of the Quick DIAZED fuse link G Substance Prohibitance (Date) operating voltage at 60 Hz rated value at 60		
• according to IEC 60068-2-27 • in railway applications according to EN 61373 Vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 category 1, Class B 1 0 500 Hz. 5g • for laway applications according to EN 61373 category 1, Class B 1 0.00 000 decertical endurance (switching cycles) typical mechanical service life (switching cycles) typical decertical endurance (switching cycles) typical thermal current 10 A reference code according to IEC 81346-2 continuous current of the C characteristic MOB continuous current of the DIAZED fuse link gC 3 Usbaince Prohibitance (Date) operating voltage • alt AC — at 50 Hz rated value • alt OC rated value • alt OF trated value • at 60 Hz rated val		1, 2, 0, 011, 7, 7/1, 12, 10
• for railway applications according to EN 61373 Category 1, Class B		sinusoidal half-waye 15g / 11 ms
vibration resistance • according to IEC 60068-2-6 • for rallway applications according to EN 61373 Operating frequency maximum mechanical service life (switching cycles) typical electrical endurance (switching cycles) typical thermal current 10 A reference code according to IEC 81346-2 Continuous current of the Quick IDAZED fuse link continuous current of the Quick IDAZED fuse link continuous current of the Quick IDAZED fuse link Gontinuous Current of Quick IDAZED fuse link Gontinuous Curre		· ·
operating frequency maximum mechanical service life (switching cycles) typical electrical endurance (switching cycles) typical electrical endurance (switching cycles) typical thermal current		
operating frequency maximum mechanical service life (switching cycles) typical electrical endurance (switching cycles) typical lectrical endurance (switching cycles) typical thermal current forence code according to IEC 81348-2 continuous current of the C characteristic MCB continuous current of the C plaze link gG continuous current of the Quick DIAZED fuse link gG continuous current of the DIAZED fuse link gG Substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value — at 60 Hz rated value • at DC rated value • at DC rated value • at DC rated value Supply voltage Type of voltage of the supply voltage of the light source supply voltage of the light source at AC • at 50 Hz rated value • at 60 Hz rated value Control circuit Control Inrush current of LED module maximum Auxiliary circuit Supply voltage of the contact of auxiliary contacts 0 number of NC contacts for auxiliary contacts 1 Connections/ Torminals type of connectable conductor cross-sections • solid with core end processing • solid without core and processing • at ANG cables Type of light source Uniformal type of the light source Uniformal type of the light source Uniformal type of the screws in the bracket Uniformal type of light source Uniformal type of light	according to IEC 60068-2-6	10 500 Hz: 5g
operating frequency maximum mechanical service life (switching cycles) typical electrical endurance (switching cycles) typical lectrical endurance (switching cycles) typical thermal current forence code according to IEC 81348-2 continuous current of the C characteristic MCB continuous current of the C plaze link gG continuous current of the Quick DIAZED fuse link gG continuous current of the DIAZED fuse link gG Substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value — at 60 Hz rated value • at DC rated value • at DC rated value • at DC rated value Supply voltage Type of voltage of the supply voltage of the light source supply voltage of the light source at AC • at 50 Hz rated value • at 60 Hz rated value Control circuit Control Inrush current of LED module maximum Auxiliary circuit Supply voltage of the contact of auxiliary contacts 0 number of NC contacts for auxiliary contacts 1 Connections/ Torminals type of connectable conductor cross-sections • solid with core end processing • solid without core and processing • at ANG cables Type of light source Uniformal type of the light source Uniformal type of the light source Uniformal type of the screws in the bracket Uniformal type of light source Uniformal type of light		
mechanical service life (switching cycles) typical electrical endurance (switching cycles) typical thermal current reference code according to IEC 81346-2 S continuous current of the Characteristic MCB continuous current of the quick DIAZED fuse link continuous current of the Quick DIAZED fuse link go substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value — at 60 Hz rated value — at 60 Hz rated value — at 60 Hz rated value — be at CC rated value — at 60 Hz rated value — at 50 Hz rated value — at 60		
thermal current reference code according to IEC 81348-2 continuous current of the C characteristic MCB continuous current of the Quick DIAZED fuse link continuous current of the DIAZED fuse link gG Substance Prohibitance (Date) operating voltage at AC — at 50 Hz rated value — at 60 Hz rated value	mechanical service life (switching cycles) typical	1 000 000
reference code according to IEC 81346-2 continuous current of the C characteristic MCB continuous current of the Quick DIAZED fuse link continuous current of the DIAZED fuse link gG Substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value — at 60 Hz rated value • at DC rated value	electrical endurance (switching cycles) typical	10 000 000
continuous current of the C characteristic MCB continuous current of the quick DIAZED fuse link continuous current of the pulck DIAZED fuse link continuous current of the DIAZED fuse link Continuous current of the DIAZED fuse link gG Substance Prohibitance (Date) operating voltage	thermal current	10 A
continuous current of the quick DIAZED fuse link g Continuous current of the DIAZED fuse link g Substance Prohibitance (Date) operating voitage • at AC — at 50 Hz rated value — at 60 Hz rated value — at 60 Hz rated value 5500 V Power Electronics contact reliability Cone maloperation per 100 million (17 V, 5 mA), one maloperation per 1 million (5 V, 1 mA) Supply voitage Type of voitage of the supply voitage of the light source • at 50 Hz rated value • at 60 Hz rated value Control circuit/ Control Inrush current of LED module maximum Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 10 Connections/ Terminals Type of electrical connection • of modules and accessories Solid with core end processing • solid with core end processing • finely stranded without core end processing • finely stranded with core end processing •	reference code according to IEC 81346-2	S
continuous current of the DIAZED fuse link gG Substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value — at 60 Hz rated value — at 80 Hz rated value • at DC rated value • at SUBJEV voltage Supply voltage **The voltage of the supply voltage of the light source supply voltage of the light source at AC • at 50 Hz rated value • at 60 Hz rated value **The voltage of the contact of auxiliary contacts **In UV **Control circuit/ Control **Inrush current of LED module maximum **Auxiliary circuit/ **design of the contact of auxiliary contacts **Upen of NC contacts for auxiliary contacts **Upen of NC contacts for auxiliary contacts **Upen of electrical connection • of modules and accessories **Solid with core end processing • solid with core end processing • finely stranded with core end processing • finely stranded with core end processing • at AWG cables • at AWG cables **The voltage of the screws in the bracket **In UN **The voltage of the screws in the bracket **The voltage of the s	continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
Substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value • at DC rated value Supply voltage Type of voltage of the supply voltage of the light source supply voltage of the light source at AC • at 50 Hz rated value • at 60 Hz rated valu	•	10 A
operating voltage • at AC — at 50 Hz rated value — at 60 Hz rated value — at 60 Hz rated value — at 60 Hz rated value 5 500 V Power Electronics contact reliability One maloperation per 100 million (17 V, 5 mA), one maloperation per 11 million (6 V, 1 mA) Supply voltage type of voltage of the supply voltage of the light source supply voltage of the light source at AC • at 50 Hz rated value 110 V control circuit/ Control inrush current of LED module maximum Axuiliary 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 type of connectable conductor cross-sections • solid with core end processing • solid with core end processing • finely stranded with core end processing • at AWG cables tightening torque of the screws in the bracket tightening torque of the screws in the bracket tightening torque with screw-type terminals Lamp Type of light source LED white B10 value with high demand rate according to SN 31920 100 000	continuous current of the DIAZED fuse link gG	
at AC — at 50 Hz rated value — at 60 Hz rated value 5 500 V Power Electronics contact reliability One maloperation per 100 million (17 V, 5 mA), one maloperation per 11 million (5 V, 1 mA) Supply voltage type of voltage of the supply voltage of the light source supply voltage of the light source at AC • at 50 Hz rated value • at 60 Hz rated value • 110 V • at 60 Hz rated value • 110 V Control circuit Control Inrush current of LED module maximum 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 \$vold without core end processing • solid without core end processing • solid without core end processing • finely stranded without core end processing • at AWG cables in the Value with screw-type terminals tightening torque of the screws in the bracket 1 1.2 N·m tightening torque with screw-type terminals type of light source LED color of the light source light intensity 90 1400 mcd Sately related data B10 value with high demand rate according to SN 31920 100 000		10/01/2014
- at 50 Hz rated value 5 500 V - at 60 Hz rated value 5 500 V Power Electronics contact reliability One maloperation per 100 million (17 V, 5 mA), one maloperation per 1 million (5 V, 1 mA) Supply voltage type of voltage of the supply voltage of the light source at AC - at 50 Hz rated value 110 V - at 60 Hz rated value 110 V Control circuit/ Control inrush current of LED module maximum 3 A Auxillary circuit design of the contact of auxillary contacts number of NC contacts for auxillary contacts 1 Connections/ Terminals type of electrical connection of modules and accessories solid with core end processing 2x (1.0 1.5 mm²) - solid with core end processing 2x (1.0 1.5 mm²) - at AWG cables conductor cross-sections (1.2 N·m - ight stranded with core end processing 2x (1.0 1.5 mm²) - at AWG cables conductor cross-sections (1.2 N·m - ight stranded with core end processing 2x (1.0 1.5 mm²) - at AWG cables conductor cross-section (1.2 N·m - ight stranded with core end processing 2x (1.0 1.5 mm²) - at AWG cables conductor cross-section (1.2 N·m - ight stranded with core end processing 2x (1.0 1.5 mm²) - at AWG cables conductor cross-section (1.2 N·m - ight source LED - color of the light source white light source white light source (1.3 N·m) - ight source (1.4 N·m) - ight intensity (1.4 N·m) - ight source (1.4 N·m)		
at DC rated value 5 500 V Power Electronics contact reliability One maloperation per 100 million (17 V, 5 mA), one maloperation per 11 million (5 V, 1 mA) Supply voltage type of voltage of the supply voltage of the light source at AC at 50 Hz rated value 110 V control circuit/ Control inrush current of LED module maximum 3 A 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 5 crew-type terminal 5 confice with core end processing 2x (1015 mm²) a finely stranded with core end processing 2x (1015 mm²) a finely stranded with core end processing 2x (1015 mm²) a finely stranded with core end processing 2x (1015 mm²) a ta VWG cables 1		5 5001/
• at DC rated value 5 500 V Power Electronics contact reliability One maloperation per 100 million (17 V, 5 mA), one maloperation per 1 million (5 V, 1 mA) Supply voltage Type of voltage of the supply voltage of the light source at AC • at 50 Hz rated value 110 V • at 60 Hz rated value 110 V Control circuit/ Control Inrush current of LED module maximum 3 A Auxillary circuit design of the contact of auxilliary contacts 0 number of NC contacts for auxilliary contacts 1 Connections/ Terminals type of electrical connection		
Power Electronics contact reliability One maloperation per 100 million (17 V, 5 mA), one maloperation per 11 million (5 V, 1 mA) Supply voltage type of voltage of the supply voltage of the light source supply voltage of the light source at AC • at 50 Hz rated value • at 60 Hz rated value 110 V Control circuit/ Control inrush current of LED module maximum 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 type of connectable conductor cross-sections • solid with core end processing • solid with core end processing • finely stranded with core end processing • at AWG cables • at WG cables tightening torque of the screw-type terminals Lamp type of light source LED white light intensity B10 value with high demand rate according to SN 31920 One maloperation per 100 million (17 V, 5 mA), one maloperation per 11 million (5 V, 1 mA) AC million (5 V, 1 mA) AC AC AC 110 V 110 V AC 110 V 11		
contact reliability One maloperation per 100 million (17 V, 5 mA), one maloperation per 1 million (5 V, 1 mA) Supply voltage type of voltage of the supply voltage of the light source supply voltage of the light source at AC • at 50 Hz rated value • at 60 Hz rated value 110 V Control circuit/ Control inrush current of LED module maximum 3 A 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 solid with core end processing • solid 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 with screw-type terminals Lamp type of leght source color of the light source LED white B10 value with high demand rate according to SN 31920 100 000		5 500 V
type of voltage of the supply voltage of the light source supply voltage of the light source at AC • at 50 Hz rated value • at 60 Hz rated value 110 V Control circuit/ Control inrush current of LED module maximum 3 A 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 type of connectable conductor cross-sections • solid without core end processing • solid without core end processing • finely stranded without core end processing • at AWG cables tightening torque of the screw-type terminals type of light source LED color of the light source light intensity 900 1 400 mcd Safety related data B10 value with high demand rate according to SN 31920 100 000		
type of voltage of the supply voltage of the light source supply voltage of the light source at AC • at 50 Hz rated value • at 60 Hz rated value In unique of the light source at AC • at 60 Hz rated value In unique of the light source inrush current of LED module maximum 3 A Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts 1 Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid with core end processing • solid without core end processing • finely stranded with core end processing • finely stranded with core end processing • at AWG cables at AWG cables type of fight source tightening torque with screw-type terminals LED type of light source unique of the surper in light source light intensity 900 1 400 mcd Safety related data B10 value with high demand rate according to SN 31920 110 V AC 110 V 110	contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
type of voltage of the supply voltage of the light source supply voltage of the light source at AC • at 50 Hz rated value • at 60 Hz rated value 110 V Control circuit/ Control inrush current of LED module maximum 3 A 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 • solid with core end processing • 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 light ening torque with screw-type terminals LED type of light source light intensity 900 1 400 mod Safety related data B10 value with high demand rate according to SN 31920 110 V 110	Supply voltage	
supply voltage of the light source at AC • at 50 Hz rated value • at 60 Hz rated value 110 V Control circuit/ Control irrush current of LED module maximum 3 A 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 • solid with core end processing • solid with core end processing • finely stranded without core end processing • at AWG cables • at AWG cables type of the screw-type terminals 2x (1.0 1,5 mm²) • at AWG cables 1 1.2 N·m tightening torque of the screw-type terminals LED type of light source LED color of the light source light intensity 900 1 400 mcd Safety related data B10 value with high demand rate according to SN 31920 100 000		AC
at 50 Hz rated value at 60 Hz rated value 110 V Control circuit/ Control inrush current of LED module maximum 3 A 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 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 at AWG cables tightening torque of the screws in the bracket type of light source light intensity good. 1400 mcd Safety related data B10 value with high demand rate according to SN 31920 13 A 14 AWG cables 110 V 1		
Control circuit/ Control inrush current of LED module maximum Auxilliary 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 screw-type terminals type of connectable conductor cross-sections oslid with core end processing solid with core end processing finely stranded with core end processing of inely stranded without core end processing at AWG cables tightening torque of the screws in the bracket tightening torque with screw-type terminals Lamp type of light source color of the light source light intensity B10 value with high demand rate according to SN 31920 log AM sliver alloy and a A Auxiliary circuit 3 A A Auxiliary circuit Silver alloy and a C connectable venticates 1 connectable venticates screw-type terminals access-type terminals 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (1.0 1,5 mm²) 2x (1.0		110 V
inrush current of LED module maximum Auxillary 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 screw-type terminals type of connectable conductor cross-sections oslid with core end processing solid with core end processing finely stranded with core end processing of inely stranded without core end processing at AWG cables tightening torque of the screws in the bracket tightening torque with screw-type terminals amp type of light source color of the light source light intensity B10 value with high demand rate according to SN 31920 live of River alloy Silver alloy Silver alloy Silver alloy Silver alloy Silver alloy Silver alloy and Nother alloy accessing corw-type terminals screw-type terminals 2x (0.5 0.75 mm²) 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (1.0 1,5 mm²) 2x (1.0 .	at 60 Hz rated value	110 V
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts 1 Connections/ Terminals type of electrical connection of modules and accessories for end processing of solid with core end processing of finely stranded with core end processing of inely stranded without core end processing of the NG cables at AWG cables tightening torque of the screws in the bracket tightening torque with screw-type terminals Lamp type of light source LED color of the light source light intensity Silver alloy Silver alloy Silver alloy Silver alloy Silver alloy On Non Silver alloy Silver alloy On Silver alloy Silver alloy On Non Screw-type terminals 2 x (0.5 0.75 mm²) 2 x (0.5 0.75 mm²) 2 x (1.0 1.5 mm²) 3 x (1.0 1.5 mm²) 4 x (1.0 1.5 mm²) 2 x (1.0 1.5 mm²) 4 x (1.0 1.5	Control circuit/ Control	
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts 1 Connections/ Terminals type of electrical connection	inrush current of LED module maximum	3 A
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts type of electrical connection of modules and accessories screw-type terminals type of connectable conductor cross-sections osolid with core end processing solid without core end processing finely stranded with core end processing at AWG cables at AWG cables tightening torque of the screw-type terminals Lamp type of light source color of the light source light intensity Biographics 1 0 connections screw-type terminals Screw-type terminals 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1.0 1,5 mm²) 2x (1.0 1,5 mm²) 2x (18 14) 1 1.2 N·m tightening torque of the screws in the bracket 1 1.2 N·m tight source LED color of the light source light intensity 900 1 400 mcd Safety related data B10 value with high demand rate according to SN 31920 100 000	Auxiliary circuit	
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts type of electrical connection of modules and accessories type of connectable conductor cross-sections osolid with core end processing of inely stranded with core end processing of inely stranded without core end processing of taking at AWG cables tightening torque of the screws in the bracket tightening torque with screw-type terminals Lamp type of light source color of the light source light intensity B10 value with high demand rate according to SN 31920 core w-type terminals screw-type terminals 2x (0.5 0.75 mm²) 2x (0.5 0.75 mm²) 2x (1.0 1,5 mm²) 2x (1.0 1,5 mm²) 2x (1.0 1,5 mm²) 2x (18 14) 1 1.2 N·m tightening torque of the screws in the bracket 1 1.2 N·m tight source LED color of the light source light intensity 900 1 400 mcd	design of the contact of auxiliary contacts	Silver alloy
type of electrical connection of modules and accessories type of connectable conductor cross-sections of solid with core end processing of finely stranded with core end processing of finely stranded without core end processing of the light source tightening torque with screw-type terminals Lamp type of light source light intensity end electrical connection screw-type terminals Screw-type terminals Screw-type terminals Screw-type terminals Screw-type terminals 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1.0 1,5 mm²) 2x (18 14) tightening torque of the screws in the bracket 1 1.2 N·m 1 1.2 N·m LED color of the light source white light intensity 900 1 400 mcd Safety related data B10 value with high demand rate according to SN 31920 100 000		0
type of electrical connection of modules and accessories type of connectable conductor cross-sections of solid with core end processing of finely stranded with core end processing of finely stranded without core end processing of the light source tightening torque with screw-type terminals Lamp type of light source light intensity end electrical connection screw-type terminals Screw-type terminals Screw-type terminals Screw-type terminals Screw-type terminals 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1.0 1,5 mm²) 2x (18 14) tightening torque of the screws in the bracket 1 1.2 N·m 1 1.2 N·m LED color of the light source white light intensity 900 1 400 mcd Safety related data B10 value with high demand rate according to SN 31920 100 000	-	1
of modules and accessories 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 • at AWG cables • tightening torque of the screws in the bracket	-	
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 • at AWG cables • tightening torque of the screws in the bracket tightening torque with screw-type terminals • at a No.9 N·m Lamp type of light source color of the light source light intensity B10 value with high demand rate according to SN 31920 100 000	type of electrical connection	screw-type terminals
 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 at AWG cables 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 Lamp type of light source LED color of the light source light intensity 900 1 400 mcd Safety related data B10 value with high demand rate according to SN 31920 100 000 	 of modules and accessories 	
 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 2x (1.0 1,5 mm²) at 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 Lamp type of light source LED color of the light source light intensity 900 1 400 mcd Safety related data B10 value with high demand rate according to SN 31920 100 000 	type of connectable conductor cross-sections	
 finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing 2x (1,0 1,5 mm²) at 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 Lamp type of light source LED color of the light source light intensity 900 1 400 mcd Safety related data B10 value with high demand rate according to SN 31920 100 000 	 solid with core end processing 	2x (0.5 0.75 mm²)
 finely stranded without core end processing at 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 Lamp type of light source color of the light source light intensity 900 1 400 mcd Safety related data B10 value with high demand rate according to SN 31920 100 000 100 000 	 solid without core end processing 	
◆ at 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 Lamp type of light source color of the light source light intensity 900 1 400 mcd Safety related data B10 value with high demand rate according to SN 31920 100 000	 finely stranded with core end processing 	2x (0.5 1.5 mm²)
tightening torque of the screws in the bracket tightening torque with screw-type terminals 0.8 0.9 N·m Lamp type of light source color of the light source light intensity Safety related data B10 value with high demand rate according to SN 31920 1 1.2 N·m 1 .	 finely stranded without core end processing 	2x (1,0 1,5 mm²)
tightening torque with screw-type terminals Lamp type of light source color of the light source light intensity Safety related data B10 value with high demand rate according to SN 31920 0.8 0.9 N·m LED white 900 1 400 mcd 100 000		
type of light source color of the light source white light intensity 900 1 400 mcd Safety related data B10 value with high demand rate according to SN 31920 100 000		
type of light source color of the light source light intensity Safety related data B10 value with high demand rate according to SN 31920 LED white 900 1 400 mcd 100 000		0.8 0.9 N·m
color of the light source light intensity 900 1 400 mcd Safety related data B10 value with high demand rate according to SN 31920 100 000		
light intensity 900 1 400 mcd Safety related data B10 value with high demand rate according to SN 31920 100 000		
Safety related data B10 value with high demand rate according to SN 31920 100 000	_	
B10 value with high demand rate according to SN 31920 100 000		900 1 400 mcd
·	Safety related data	
	B10 value with high demand rate according to SN 31920	100 000
• with low demand rate according to SN 31920 20 %	B10 value with high demand rate according to SN 31920 proportion of dangerous failures	

 with high demand rate according to SN 31920 	20 %
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
Ambient conditions	
ambient temperature	
 during operation 	-25 +70 °C
during storage	-40 +80 °C
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 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
installation depth	49.7 mm
Certificates/ approvals	
Further information	

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1103-2BF60-1BA0-Z Y15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1103-2BF60-1BA0-Z Y15

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1103-2BF60-1BA0-Z Y15

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1103-2BF60-1BA0-Z Y15&lang=en

last modified: 1/26/2022 🖸