3SU1130-2BL60-3LA0

## **Data sheet**



Selector switch, illuminable, 22 mm, round, plastic with metal front ring, white, selector switch, short, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, with holder, 1 NO+1 NC, 1 NO+1 NC, Spring-type terminal

product designation design of the product Complete unit Plastic with metal front ring, matt, 22 mm manufacturer's article number of supplied contact module at position 1 of supplied contact module at position 2 of the supplied contact module at position 2 of the supplied collact module at position 2 of the supplied collact module at position 3 SSU1400-1AA10-3FA0 sSU1400-1AA10-3FA0 of the supplied collact module at position 2 of the supplied collact module at position 2 sSU1502-2BL00-DAA0  Enclosure number of command points 1 Actuator design of the actuating element principle of operation of the actuating element principle of operation of the actuating element principle of operation of the actuating element material of the actuating element material of the actuating element material of the actuating element pulsatic shape of the actuating element pulsatic shape of switching positions actuating angle clockwise clockwise clockwise design of the front ring standard material of the front ring standard material of the front ring Metal, matt color of the front ring Standard material of the holder Plastic Display number of LED modules 0 Ceneral technical data product function positive opening product unceronent light source No Insulation voltage rated value degree of pollution 3 AC/DC	product brand name	SIRIUS ACT
product type designation product line Plastic with metal front ring, matt, 22 mm manufacturer's article number  of supplied contact module at position 1 Sul1400-1AA10-3FAQ of the supplied contact module at position 2 of the supplied contact module at position 2 sul1400-1AA10-3FAQ of the supplied holder subject of the supplied holder of the supplied actuator  Enclosure number of command points 1 Actuator  design of the actuating element principle of operation of the actuating element principle of operation of the actuating element product extension optional light source value of the actuating element white material of the actuating element plastic shape of the actuating element outer diameter of the actuating element unumber of contact modules 2 number of contact modules 2 number of witching positions 3 actuating angle clockwise clockwise design of the front ring design of the front ring Metal, matt color of the front	product designation	Selector switches
product line Plastic with metal front ring, matt, 22 mm manufacturer's article number  of supplied contact module at position 2  38U1400-1AA10-3FA0  38U1550-0AA10-0AA0  of the supplied holder  38U1550-0AA10-0AA0   e of the supplied actuator  38U1550-0AA10-0AA0   Finciosure  number of command points  1   Actuator  design of the actuating element  principle of operation of the actuating element  product extension optional light source  color of the actuating element  material of the actuating element  public element  plastic  shape of the actuating element  outer diameter of the actuating element  product extension optional light source  plastic  shape of the actuating element  plastic  shape of contact modules  2  number of contact modules  2  number of switching positions  3  actuating angle  • clockwise  • anticlockwise   Front ring  product component front ring  Metal, matt  color of the front ring  Metal  material of the holder  Plastic   Display  number of LED modules   O   Coneral technical data   product function positive opening  product component lig	design of the product	Complete unit
manufacturer's article number  • of supplied contact module at position 1  • of supplied contact module at position 2  • of the supplied contact module at position 2  • of the supplied contact module at position 2  • of the supplied actuator  * of the actuator  * of the actuating element  * or und  * or und  * outer diameter of the actuating element  * outer diameter	product type designation	3SU1
of supplied contact module at position 1     of supplied contact module at position 2     of the supplied holder     of the supplied holder     of the supplied actuator     of the supplied actuator     of the supplied actuator     of the supplied actuator     of the supplied actuator  Indicator  Indica	product line	Plastic with metal front ring, matt, 22 mm
of supplied contact module at position 2     of the supplied actuator     of the supplied actuator  Inclosure  number of command points  Actuator  design of the actuating element principle of operation of the actuating element principle of operation of the actuating element principle of operation of the actuating element white material of the actuating element pastic shape of the actuating element outer diameter of the actuating element number of contact modules actuating alement shape of the actuating element shape	manufacturer's article number	
of the supplied holder     of the supplied actuator     asuloase 2RB 60-0AA0      enclosure  number of command points  Actuator  design of the actuating element     principle of operation of the actuating element     principle of operation of the actuating element     product extension optional light source     color of the actuating element     material of the actuating element     plastic     actuating element     outer diameter of the actuating element     outer diameter of the actuating element     outer diameter of the actuating element     actuating and element     actuating alement     actuating and element     actuating and element     actuating alement     actuating ale	<ul> <li>of supplied contact module at position 1</li> </ul>	3SU1400-1AA10-3FA0
of the supplied actuator      Inclosure     number of command points     Actuator      design of the actuating element	<ul> <li>of supplied contact module at position 2</li> </ul>	3SU1400-1AA10-3FA0
Enclosure  number of command points  1  Actuator  design of the actuating element  principle of operation of the actuating element  principle of operation of the actuating element  product extension optional light source  color of the actuating element  material of the actuating element  shape of the actuating element  round  outer diameter of the actuating element  number of contact modules  2  number of switching positions  3  actuating angle  • clockwise  • anticlockwise  • anticlockwise  • anticlockwise  • anticlockwise  front ring  product component front ring  design of the front ring  Metal, matt  color of the front ring  sand gray  Holder  material of the holder  Plastic  Display  number of LED modules  0  General technical data  product tunction positive opening  Yes  product component light source  No  insulation voltage rated value  degree of pollution	<ul> <li>of the supplied holder</li> </ul>	3SU1550-0AA10-0AA0
number of command points 1  Actuator  design of the actuating element   Selector, short   principle of operation of the actuating element   Iatching, 2x45° (10:30 h/12 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   2   number of switching positions   3   actuating angle   elockwise   45°   elockwise   45°   elockwise   45°   elockwise   45°   front ring   Yes   design of the front ring   Metal, matt   color of the front ring   sand gray   Holder   material of the holder   Plastic   Display   number of LED modules   0   General technical data   product component light source   No   insulation voltage rated value   500 V   degree of pollution	<ul> <li>of the supplied actuator</li> </ul>	3SU1032-2BL60-0AA0
Actuator  design of the actuating element Selector, short  principle of operation of the actuating element Iatching, 2x45" (10:30 h/12 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 2  number of switching positions 3  actuating angle  clockwise 45°  anticlockwise 45°  anticlockwise 45°  round 45°  round 58°  anticlockwise 45°  front ring Standard Metal, matt color of the front ring sand gray  Holder material of the holder Plastic  Display number of LED modules 0  General technical data product component light source No No Insulation voltage rated value 500 V degree of pollution 3	Enclosure	
design of the actuating element principle of operation of the actuating element latching, 2x45° (10:30 h/12 h/13:30 h) product extension optional light source color of the actuating element white material of the actuating element plastic shape of the actuating element outer diameter of the actuating element outer diameter of the actuating element number of contact modules 2 number of switching positions 3 actuating angle clockwise 45° anticlockwise 45° Front ring product component front ring design of the front ring material of the front ring Metal, matt color of the front ring Holder material of the holder Display number of LED modules 0 General technical data product component light source insulation voltage rated value 500 V degree of pollution	number of command points	1
principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element outer diameter of the actuating element number of contact modules actuating angle elockwise elockwise elockwise elothoxise front ring product component front ring design of the front ring material of the holder material of the holder  Display number of LED modules 0 General technical data product component light source Insulation voltage rated value plastic shape of the actuating element such actuating element round outer diameter of the actuating element round such actuating element such actuating element round such actuating element such actuating element round such actuation such actu	Actuator	
product extension optional light source color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element number of contact modules 2 number of switching positions actuating angle • clockwise • anticlockwise • anticlockwise  front ring product component front ring design of the front ring material of the front ring tool of the front ring color of the front ring tool of the front ring material of the holder  Display number of LED modules  General technical data product component light source insulation voltage rated value degree of pollution  Well Source No insulation voltage rated value degree of pollution	design of the actuating element	Selector, short
color of the actuating element white material of the actuating element round outer diameter of the actuating element 32.3 mm number of contact modules 2 number of switching positions 3 actuating angle  • clockwise 45°  • anticlockwise 45°  • anticlockwise 45°  Front ring  product component front ring standard material of the front ring sand gray  Holder material of the holder Plastic  Display number of LED modules 0 General technical data product component light source No insulation voltage rated value 500 V degree of pollution 3	principle of operation of the actuating element	latching, 2x45° (10:30 h/12 h/13:30 h)
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 2 number of switching positions 3 actuating angle  • clockwise 45°  • anticlockwise 45°  Front ring  product component front ring Yes design of the front ring standard material of the front ring Metal, matt color of the front ring sand gray  Holder  material of the holder Plastic  Display number of LED modules  General technical data  product component light source No insulation voltage rated value degree of pollution 3  actuating element round 32.3 mm round 32.3 mm actuating element round 45°  Pes  Product component light source No insulation voltage rated value 45°  Front ring 45°  Pes  Pes  Postic  Plastic  Plastic  Plastic  Plastic  Plastic  Plastic  Plastic  Plastic	product extension optional light source	Yes
shape of the actuating element outer diameter of the actuating element number of contact modules 2 number of switching positions 3 actuating angle • clockwise • anticlockwise  * anticlockwise  * product component front ring design of the front ring material of the front ring color of the front ring material of the holder  The pisplay  number of LED modules  General technical data product component light source No insulation voltage rated value degree of pollution  32.3 mm 72.3 mm 32.3 mm 45.2 mm 32.3 mm 45.2 mm 32.3 mm 45.2 mm 4	color of the actuating element	white
outer diameter of the actuating element     32.3 mm       number of contact modules     2       number of switching positions     3       actuating angle <ul> <li>clockwise</li> <li>anticlockwise</li> </ul> Front ring     Yes       product component front ring             yes               design of the front ring             standard               material of the front ring             wetal, matt               color of the front ring             sand gray               Holder             Plastic               Display               number of LED modules             0               General technical data             yes               product component light source             No               insulation voltage rated value             500 V               degree of pollution             3	material of the actuating element	plastic
number of contact modules 2 number of switching positions 3 actuating angle  • clockwise 45°  • anticlockwise 45°  Front ring  product component front ring Yes design of the front ring standard material of the front ring Metal, matt color of the front ring sand gray  Holder  material of the holder Plastic  Display number of LED modules 0  General technical data  product component light source No insulation voltage rated value 500 V degree of pollution 3	shape of the actuating element	round
number of switching positions  actuating angle  • clockwise  • anticlockwise  45°  Front ring  product component front ring  design of the front ring  material of the front ring  color of the front ring  material of the holder  material of the holder  Plastic  Display  number of LED modules  Qeneral technical data  product component light source insulation voltage rated value  degree of pollution  3  45°  45°  Yes  45°  Wes  45°  Front ring  Yes  Plastic  Display  No  insulation voltage rated value  500 V  degree of pollution  3	outer diameter of the actuating element	32.3 mm
actuating angle  clockwise data anticlockwise 45°  front ring  product component front ring design of the front ring material of the front ring material of the front ring material of the holder  plastic  Display  number of LED modules  product function positive opening product component light source insulation voltage rated value degree of pollution  45°  45°  45°  45°   Wes  45°   Pes  Metal, matt  sand gray  Metal, matt  pand gray  Metal, matt  Plastic  Plastic  Display  number of LED modules 0  General technical data  product function positive opening yes  product component light source insulation voltage rated value 500 V  degree of pollution	number of contact modules	2
clockwise anticlockwise front ring product component front ring design of the front ring material of the front ring color of the front ring material of the holder Plastic  Display number of LED modules product function positive opening product component light source insulation voltage rated value degree of pollution  45°  45°  Front ring Yes  Metal, matt standard  Metal, matt sand gray  Holder Plastic  Display  0  General technical data product function positive opening yes product component light source insulation voltage rated value degree of pollution 3	number of switching positions	3
anticlockwise 45°  Front ring  product component front ring Yes  design of the front ring standard  material of the front ring Metal, matt  color of the front ring sand gray  Holder  material of the holder Plastic  Display  number of LED modules 0  General technical data  product function positive opening Yes  product component light source No insulation voltage rated value 500 V  degree of pollution 3	actuating angle	
product component front ring product component front ring design of the front ring material of the front ring Metal, matt color of the front ring sand gray  Holder material of the holder Plastic  Display number of LED modules 0 General technical data product function positive opening product component light source insulation voltage rated value degree of pollution  Yes  No degree of pollution	<ul><li>clockwise</li></ul>	45°
product component front ring  design of the front ring  material of the front ring  Metal, matt  color of the front ring  material of the holder  Plastic  Display  number of LED modules  General technical data  product function positive opening  product component light source  insulation voltage rated value  degree of pollution  Yes  Yes  No  insulation voltage rated value  degree of pollution	<ul> <li>anticlockwise</li> </ul>	45°
design of the front ring material of the front ring Metal, matt color of the front ring sand gray  Holder material of the holder Plastic  Display number of LED modules  General technical data product function positive opening product component light source insulation voltage rated value degree of pollution  sand gray  Metal, matt sand gray  Metal, matt sand gray  Plastic  0  0  0  5  0  0  5  0  0  5  0  0  5  0  0	Front ring	
material of the front ring  color of the front ring  sand gray  Holder  material of the holder  Plastic  Display  number of LED modules  o  General technical data  product function positive opening product component light source insulation voltage rated value  degree of pollution  Metal, matt  Metal, matt  Metal, matt  Sand gray  Metal, matt  Sand gray  Metal, matt  Sand gray  Plastic  0  0  Seneral technical data  Fes  product function positive opening Seneral technical data  Fes  product component light source  No  insulation voltage rated value  3	product component front ring	Yes
color of the front ring sand gray  Holder  material of the holder Plastic  Display  number of LED modules 0  General technical data  product function positive opening Yes  product component light source No insulation voltage rated value 500 V  degree of pollution 3	design of the front ring	standard
Holder material of the holder  Plastic  Display  number of LED modules  General technical data  product function positive opening  yes  product component light source  insulation voltage rated value  degree of pollution  Plastic  No  0  Component  Ves  No  100  100  100  100  100  100  100	material of the front ring	Metal, matt
material of the holder  Display  number of LED modules  General technical data  product function positive opening  product component light source insulation voltage rated value  degree of pollution  Plastic  Plastic  Plastic  Plastic  No  3	color of the front ring	sand gray
number of LED modules  General technical data  product function positive opening product component light source insulation voltage rated value degree of pollution  0  Ves No insulation voltage rated value 500 V  degree of pollution 3	Holder	
number of LED modules  General technical data  product function positive opening	material of the holder	Plastic
General technical data product function positive opening Product component light source Insulation voltage rated value  degree of pollution  Yes  No  500 V  degree of pollution  3	Display	
product function positive opening Product component light source Insulation voltage rated value  degree of pollution  Yes  No  500 V  degree of pollution  3	number of LED modules	0
product component light source  insulation voltage rated value  degree of pollution  No  500 V  degree of pollution  3	General technical data	
insulation voltage rated value 500 V degree of pollution 3	product function positive opening	Yes
degree of pollution 3	product component light source	No
	insulation voltage rated value	500 V
type of voltage of the operating voltage AC/DC	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)
• of the terminal	IP20
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	, , , , , -,,
according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
for railway applications according to EN 61373	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 500 Hz: 5g
for railway applications according to EN 61373	Category 1, Class B
operating frequency maximum	1 800 1/h
mechanical service life (operating cycles) typical	1 000 000
electrical endurance (operating cycles) typical	10 000 000
thermal current	10 A
reference code according to IEC 81346-2	S
continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
continuous current of the quick DIAZED fuse link	10 A
continuous current of the DIAZED fuse link gG	10 A
Substance Prohibitance (Date)	10/01/2014
operating voltage	
• at AC	
— at 50 Hz rated value	5 500 V
— at 60 Hz rated value	5 500 V
at DC rated value	5 500 V
Power Electronics	
contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million
Auviliany circuit	(5 V, 1 mA)
Auxiliary circuit	Silver alley
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	2
number of NO contacts for auxiliary contacts  Connections/ Terminals	_
	enring loaded terminals
type of electrical connection  • of modules and accessories	spring-loaded terminals Spring-type terminal
	oping type terminal
type of connectable conductor cross-sections  • solid without core end processing	2x (0.25 1.5 mm²)
solid without core end processing	2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²)
<ul><li>solid without core end processing</li><li>finely stranded with core end processing</li></ul>	2x (0.25 0.75 mm²)
<ul> <li>solid without core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> </ul>	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²)
<ul><li>solid without core end processing</li><li>finely stranded with core end processing</li></ul>	2x (0.25 0.75 mm²)
<ul> <li>solid without core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>for AWG cables</li> </ul>	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16)
solid without core end processing     finely stranded with core end processing     finely stranded without core end processing     for AWG cables  tightening torque of the screws in the bracket	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16)
solid without core end processing     finely stranded with core end processing     finely stranded without core end processing     for AWG cables  tightening torque of the screws in the bracket  Safety related data	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m
solid without core end processing     finely stranded with core end processing     finely stranded without core end processing     for AWG cables     tightening torque of the screws in the bracket  Safety related data  B10 value with high demand rate according to SN 31920	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m
solid without core end processing     finely stranded with core end processing     finely stranded without core end processing     for AWG cables  tightening torque of the screws in the bracket  Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m
solid without core end processing     finely stranded with core end processing     finely stranded without core end processing     for AWG cables     tightening torque of the screws in the bracket  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 (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m
solid without core end processing     finely stranded with core end processing     finely stranded without core end processing     for AWG cables     tightening torque of the screws in the bracket  Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures     with low demand rate according to SN 31920  with high demand rate according to SN 31920	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m 300 000 20 % 20 %
solid without core end processing     finely stranded with core end processing     finely stranded without core end processing     for AWG cables     tightening torque of the screws in the bracket  Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m 300 000 20 % 20 %
solid without core end processing     finely stranded with core end processing     finely stranded without core end processing     for AWG cables     tightening torque of the screws in the bracket  Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m 300 000 20 % 20 %
solid without core end processing     finely stranded with core end processing     finely stranded without core end processing     for AWG cables     tightening torque of the screws in the bracket  Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions ambient temperature	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m 300 000 20 % 20 % 100 FIT
solid without core end processing     finely stranded with core end processing     finely stranded without core end processing     for AWG cables     tightening torque of the screws in the bracket  Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions  ambient temperature     during operation	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m 300 000 20 % 20 % 100 FIT
solid without core end processing     finely stranded with core end processing     finely stranded without core end processing     for AWG cables     tightening torque of the screws in the bracket     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          failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions  ambient temperature          during operation          during storage environmental category during operation according to IEC	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m  300 000  20 % 20 % 100 FIT  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
solid without core end processing     finely stranded with core end processing     finely stranded without core end processing     for AWG cables     tightening torque of the screws in the bracket  Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions  ambient temperature     during operation     during storage environmental category during operation according to IEC 60721	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m  300 000  20 % 20 % 100 FIT  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
solid without core end processing     finely stranded with core end processing     finely stranded without core end processing     for AWG cables     tightening torque of the screws in the bracket  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  failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions  ambient temperature     during operation     during storage environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m  300 000  20 % 20 % 100 FIT  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
solid without core end processing     finely stranded with core end processing     finely stranded without core end processing     for AWG cables     tightening torque of the screws in the bracket  Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions  ambient temperature     during operation     during storage environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions fastening method	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m  300 000  20 % 20 % 100 FIT  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)
solid without core end processing     finely stranded with core end processing     finely stranded without core end processing     for AWG cables  tightening torque of the screws in the bracket  Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures     with low demand rate according to SN 31920  with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions  ambient temperature     during operation     during storage  environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method     of modules and accessories	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m  300 000  20 % 20 % 100 FIT  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Front plate mounting
solid without core end processing     finely stranded with core end processing     finely stranded without core end processing     for AWG cables     tightening torque of the screws in the bracket  Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions  ambient temperature     during operation     during storage environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method     of modules and accessories height	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m  300 000  20 % 20 % 100 FIT  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Front plate mounting 40 mm
solid without core end processing     finely stranded with core end processing     finely stranded without core end processing     for AWG cables     tightening torque of the screws in the bracket  Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions  ambient temperature     during operation     during storage  environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method     of modules and accessories  height  width	2x (0.25 1.5 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m  300 000  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 40 mm 32.3 mm
solid without core end processing     finely stranded with core end processing     finely stranded without core end processing     for AWG cables     tightening torque of the screws in the bracket  Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions  ambient temperature     during operation     during storage environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method     of modules and accessories height width shape of the installation opening	2x (0.25 1.5 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m  300 000  20 % 20 % 100 FIT  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Front plate mounting 40 mm 32.3 mm round

32.3 mm installation width installation depth 71.7 mm

**General Product Approval** 

**Declaration of Con**formity





Confirmation







**Declaration of Con**formity

**Test Certificates** 

Marine / Shipping



Type Test Certificates/Test Report

Special Test Certific-







Marine / Shipping

other



Confirmation

## Further information

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

ind-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=3SU1130-2BL60-3LA0

Cax online generator

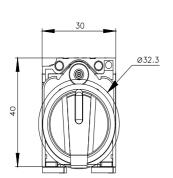
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1130-2BL60-3LA0

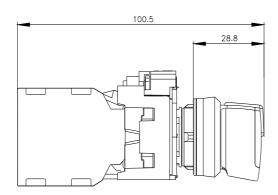
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

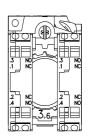
https://support.industry.siemens.com/cs/ww/en/ps/3SU1130-2BL60-3LA0

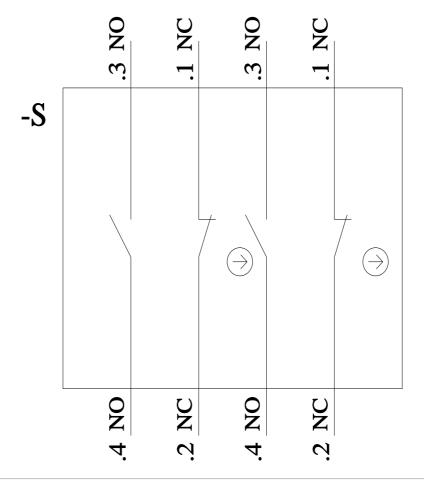
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1130-2BL60-3LA0&lang=en









last modified: 1/26/2022 🖸

