## **SIEMENS**

## **Data sheet**



Illuminated pushbutton, 22 mm, round, plastic, white, pushbutton, flat, momentary contact type, with holder, 1 NO+1 NC, LED module with integrated LED 110 V AC, screw terminal, with laser labeling, upper case and lower case, always upper case at beginning of line

product brand name	SIRIUS ACT	
product designation	Illuminated pushbuttons	
design of the product	Complete unit	
product type designation	3SU1	
product line	Plastic, black, 22 mm	
manufacturer's article number		
<ul> <li>of supplied contact module at position 1</li> </ul>	3SU1400-1AA10-1FA0	
<ul> <li>of supplied LED module</li> </ul>	3SU1401-1BC60-1AA0	
<ul> <li>of the supplied holder</li> </ul>	3SU1550-0AA10-0AA0	
<ul> <li>of the supplied actuator</li> </ul>	3SU1001-0AB60-0AA0	
number of command points	1	
Actuator		
design of the actuating element	Button, flat	
principle of operation of the actuating element	momentary contact type	
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	29.45 mm	
marking of the actuating element	Customized labeling, text in lower case / capital letters, all lines start with capital letter	
number of contact modules	1	
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	Yes	
product component light source	Yes	
insulation voltage rated value	320 V	
degree of pollution	3	
type of voltage of the operating voltage	AC/DC	
surge voltage resistance rated value	4 kV	
protection class IP	IP66, IP67, IP69(IP69K)	

degree of protection NEMA rating shock resistance shock resistance shock resistance shock resistance shock resistance shock applications according to EN 61373 Category 1, Class B  10	of the terminal	IP20, clamping screw tightened
shock resistance  a coording to ICE 60069-2-27  e) or railway applications according to EN 61373  vibration resistance  a cocroting to ICE 60069-2-6  e) or railway applications according to EN 61373  category 1, Class B  10500 Hz. 5g  Category 1, Class B  2600 Hz. 6g  2600 Hz.		
according to IEC 6008-2-27  for rallway applications according to EN 61373  vibration resistance  according to IEC 60069-2-6  for rallway applications according to EN 61373  operating frequency maximum  mechanical service life (switching cycles) typical electrical andurance (switching cycles) typical termal current  10 A  freference code according to IEC 81346-2  continuous current of the C part of the C par		·, -, ·, ·, ·, ·, ·, ·, ·
Category 1, Class B   Vibration resistance   10 500 Hz. 5g     For railway applications according to EN 61373   10 500 Hz. 5g     For railway applications according to EN 61373   300 000		sinusoidal half-wave 15g / 11 ms
vibration resistance  • according to IEC 60068-2-6  • for railway applications according to EN 61373  operating frequency maximum  mechanical service life (switching cycles) typical  steerical endurance (switching cycles) typical  telerical endurance (switching cycles) typical  10 000 000  telerical endurance (switching cycles) typical  10 000 000  telerical endurance (switching cycles) typical  10 000 000  terrated the maximum and the continuous current of the UcAracteristic MOB  continuous current of the Quick DIAZED fuse link  continuous current of the quick DIAZED fuse link (so tontinuous current of the Quick DIAZED fuse link (so tontinuous current of the Quick DIAZED fuse link (so tontinuous current of the Quick DIAZED fuse link (so tontinuous current of the Quick DIAZED fuse link (so tontinuous current of the Quick DiaZED fuse link (so tontinuous current of the Quick DiaZED fuse link (so tontinuous current of the Quick DiaZED fuse link (so tontinuous current of the Quick DiaZED fuse link (so tontinuous current of the Quick DiaZED fuse link (so tontinuous current of the Quick DiaZED fuse link (so tontinuous current of the Quick DiaZED fuse link (so tontinuous current of the Quick DiaZED fuse link (so tontinuous current of the Quick DiaZED fuse link (so tontinuous current of the Quick DiaZED fuse link (so tontinuous current of the Quick DiaZED fuse link (so tontinuous current of the Continuous c	3	C C C C C C C C C C C C C C C C C C C
according to IEC 60068-2-6 for railway applications according to EN 61373 category 1, Class B oparating frequency maximum mechanical service life (ewtiching cycles) typical electrical endurance (switching cycles) typical 10 000 000 thermal current 10 A reference code according to IEC 81345-2 continuous current of the C characteristis MCB continuous current of the QLAZED fuse link go continuous current of the pUAZED fuse link go continuous current of the pUAZED fuse link go continuous current of the pUAZED fuse link go Substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value — at 60 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 10 million (40 V, 1 mA)  Supply voltage  Pype 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		Category 1, Clade 2
e for rallway applications according to EN 61373 operating frequency maximum mechanical service life (awtiching cycles) typical electrical endurance (switching cycles) typical thermal current 10 A reference code according to IEC 81346-2 continuous current of the Characteristic MB continuous current of the characteristic MB continuous current of the quick DIAZED fuse link gG continuous current of the plazED fuse link gG substance Prohibitance (Bate) operating voltage at AC — at 60 Hz rated value  110 V  Contact reliability  One maloperation per 100 million (17 V. 5 mA), one maloperation per 10 million (5 V, 1 mA)  Supply voltage  type of voltage of the supply voltage of the light source supply cortact of auxiliary contacts number of NC contacts for auxiliary contacts 110 V  control circuit (Control inrush current of I.ED module maximum  Auxiliary circuit design of the contact of auxiliary contacts 1  Vipe of electrical connection - sold without core end processing - sold withou		10 500 Hz: 5a
operating frequency maximum mechanical service life (switching cycles) typical electrical endurance (switching cycles) typical femal current for endurance (switching cycles) typical 10 000 000 femal current 10 A reference code according to IEC 81346-2 Sontinuous current of the Gc haracteristic MCB Continuous current of the BLAZED fuse link gG 10 A Continuous current of the BLAZED fuse link gG 10 A Substance Prohibitance (Date)  at AC  — at 60 Hz rated value  Supply voltage  type of voltage of the light source at AC — at 80 Hz rated value — at 60	ů .	· ·
mechanical service life (switching cycles) typical electrical endurance (switching cycles) typical thormal current 10 A reference code according to IEC 81348-2 continuous current of the Quick DIAZED fuse link continuous current of the quick DIAZED fuse link continuous current of the Quick DIAZED fuse link continuous current of the DIAZED fuse link continuous current of the DIAZED fuse link continuous current of the DIAZED fuse link G Substance Prohibitance (Dato) operating voltage  at 80 Hz rated value  5 500 V  - at 50 Hz rated value  5 500 V  - at DC rated value  5 500 V  - wat DC rated value  5 500 V  - wat DC rated value  5 500 V  - wat 50 Hz rated value  10 Voltage of the supply voltage of the light source supply voltage  110 V  - at 50 Hz rated value  110 V  - at 60 Hz rated value  2 AC Supplied value read value  2 AC Supplied value read value  2 AC Supplied va		
electrical endurance (switching cycles) typical thermal current thermal current thermal current thermal current thermal current thermal current the continuous current of the C characteristic MCB continuous current of the C characteristic MCB continuous current of the DIAZED fuse link continuous current of the DIAZED fuse link g d at AC  — at 50 Hz rated value — at 60 Hz rated value — at 50 Hz rated value — at 60		
thermal current 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 Quick DIAZED fuse link continuous current of the DIAZED fuse link continuous current of the Quick DIAZED fuse link continuous current of the Quick DIAZED fuse link continuous current of the Quick DIAZED fuse link G Substance Prohibitance (Date)  - at 50 Hz rated value  - at 60 Hz rat		
reference code according to IEC 81348-2 continuous current of the Ccharacteristic MCB continuous current of the Quick DIAZED fuse link continuous current of the Quick DIAZED fuse link G Substance Prohibitance (Date)  operating voltage  • at AC  — at 50 Hz rated value — at 60 Hz rated value — 5 500 V  Power Electronics contact reliability  Diagnost reliability  One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Supply voltage  Type of voltage of the supply voltage of the light source supply voltage of the supply voltage of the light source supply voltage of the supply voltage of the light source at 50 Hz rated value  110 V  at 50 Hz rated value 110 V  ontrol circuit Control inrush current of LED module maximum 3 A  Auxiliary circuit design of the contact for auxiliary contacts 1 connections/ Terminals  Type of voltages and accessories  solid with core end processing solid without core end processing infinely stranded without core end processing at AVG cables 1 connections 1 connections 1 connections 1 connections or end processing 1 connections or end processing 2 connections or end processing 1 connections or end processing 2 connections or end processing 1 connections or end processing 2 connections or end processing 2 connections or end processing 1 connections or end processing 2 connec		
continuous current of the C characteristic MCB continuous current of the Quick DIAZED fuse link do continuous current of the Quick DIAZED fuse link do Substance Prohibitance (Date) operating voltage at AC — at 50 Hz rated value — at 60 Hz rated value — at 50 Hz rated value — at 60 Hz 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		
continuous current of the quick DIAZED fuse link gG Substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value — at 60 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 10 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 110 V • at 60 Hz rated value 110 V  control circuit/ Control inrush current of LED module maximum Auxillary circuit  design of the contact of auxillary contacts number of NC contacts for auxillary contacts 1 number of NC contacts for auxillary contacts 1 connections/ Terminals  Type of electrical connection • of modules and accessories solid without core end processing • solid without core end processing • at AWG cables 1 at AWG cables 2 at AWG cables 2 at AWG cables 1 at AWG cables 2 at AWG cables 3 and core end processing 4 at AWG cables 5 and with core end processing 5 and awd cab core end processing 6 and processing 7 at AWG cables 1 at AWG cables 1 at AWG cables 2 at AWG cables 2 at AWG cables 3 and awd cable and core end processing 6 and processing 7 at AWG cables 1 at AWG cables 2 at AWG cables 2 at AWG cables 3 and awd cable and core end processing 6 and processing 7 and AWG cables 6 and processing 7 at AWG cables 6 and processing 7 at AWG cables 7 at AWG cables 7 at AWG cables 8 and processing 9 and processing 9 and processing 1 at AWG cables 1 at AWG cables 1 and processing 1 and processing 1 and processing 1 and processing 2 and processing 3 and processing 4 and processing 5 and processing 6 and		
continuous current of the DIAZED fuse link gG  Substance Prohibitance (Date)  • at AC  — at 50 Hz rated value • at DC rated value • at DC rated value • at CC relationity  Contact reliability  Power Electronics  contact reliability  Cone maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (6 V, 1 mA)  Supply voltage  Type of voltage of the supply voltage of the light source • at 50 Hz rated value • at 60 Hz rated value • at 70 V contacts for auxiliary contacts  Inumber of NG contacts for auxiliary contacts  1 Connoctions/ Torminals  Type of electrical connection • of modules and accessories  Screw-type terminals  type of connectable conductor cross-sections • of idwithout core end processing • solid without core end processing • solid without core end processing • solid without core end processing • at AWG cables  1 (10 1.5 mm²) • finely stranded with core end processing • at AWG cables  1 (20 1.5 mm²) • finely stranded with core end processing • at AWG cables  1 (10 1.5 mm²) • finely stranded with core end processing • at AWG cables  1 (10 1.5 mm²) • finely stranded with core end processing • at AWG cables  1 (10 1.5 mm²) • finely stranded with core end processing • at AWG cables • at AWG cables  1 (10 1.5 mm²) • finely stranded with core end processing • at AWG cables • at AWG cables  1 (10 1.5 mm²) • finely stranded without core end processing • at AWG cables  1 (10 1.		
Substance Prohibitance (Date) operating voltage		
operating voltage		
• alt ÂC  — at 50 Hz rated value  — at 60 Hz rated value  • at DC rated value  • at DC rated value  • at DC rated value  5 500 V  Power Electronics  contact reliability  One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  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 tricuit/ Control  Inrush current of LED module maximum  3 A  Auxiliary circuit  design of the contact of auxiliary contacts  number of NC contacts for auxillary contacts  1 connectors/ Torminals  type of electrical connection  • of modules and accessories  solid with core end processing  • finely stranded with screw-type terminals  Lamp  Type of light source  LED  white  light intensity  900 1 400 mcd  Ambient conditions  ambient temperature  • during operation  • during storage  environmental category during operation according to IEC  67721  Installation/ mounting/ dimensions		10/01/2014
at 50 Hz rated value		
at DC rated value 5500 V  Power Electronics contact reliability One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 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 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 11 number of NC contacts for auxiliary contacts 11 number of NC contacts for auxiliary contacts 11 number of NC contacts for auxiliary contacts 11 connections/ Terminals  type of electrical connection or of modules and accessories 12 connections/ Terminals  type of connectable conductor cross-sections or of modules and accessories 12 connectable with core end processing 2x (1.0 1.5 mm²) or inely stranded with core end processing 2x (1.0 1.5 mm²) or inely stranded without core end processing 2x (1.0 1.5 mm²) or inely date with core end processing 2x (1.0 1.5 mm²)  inely stranded with core end processing 2x (1.0 1.5 mm²)  inely stranded with core end processing 2x (1.0 1.5 mm²)  inely stranded with core end processing 2x (1.0 1.5 mm²)  inely stranded with core end processing 2x (1.0 1.5 mm²)  inely stranded with core end processing 2x (1.0 1.5 mm²)  inely stranded with core end processing 2x (1.0 1.5 mm²)  inely stranded with core end processing 2x (1.0 1.5 mm²)  inely stranded with core end processing 2x (1.0 1.5 mm²)  inely stranded with core end processing 2x (1.0 1.5 mm²)  inely stranded with core end processing 2x (1.0 1.5 mm²)  inely stranded with core end processing 2x (1.0 1.5 mm²)  inely stranded with core end processing 2x (1.0 1.5 mm²)  inely stranded with core end processing 2x (1.0 1.5 mm²)  inely stranded with core end processing 2x (1.0 1.5 mm²)  inely stranded with core end processing 2x (1.0 1.5 mm²)  inely stranded with core end processing 2x (1.0 1.5 mm²)  inely stranded with core end processi		5 500 V
a to DC rated value  by cover Electronics  contact reliability  Cone maloperation per 100 million (17 V, 5 mA), one maloperation per 10 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  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  a for modules and accessories  type of connectable conductor cross-sections  a solid with core end processing  finely stranded with core end processing  at AWC cables  tightening torque of the screws in the bracket  tightening torque with screw-type terminals  type of light source  color of the light source  LED  type of light source  during operation  4 during operation  4 during operation  4 during operation  4 during storage  environmental category during operation according to IEC  67271  Installation/ mounting/ dimensions		
Contact reliability		
contact reliability  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 • at 60 Hz rated value  **The voltage of the light source at AC  • at 50 Hz rated value • at 60 Hz rated value  **The voltage of the light source at AC  • at 50 Hz rated value • at 60 Hz rated value  **The voltage of the light source at AC  • at 50 Hz rated value  **The voltage of the light source at AC  • at 50 Hz rated value  **The voltage of the light source  **In U V  **The voltage of the supply voltage of the light source  **The voltage of the light source  **In U V  **The voltage of the supply voltage of the light source  **The voltage of the supply voltage of the light source  **The voltage of the supply voltage of the light source  **The voltage of the light source  **The voltage of the supply voltage of the light source  **The voltage of the supply voltage of the light source  **The voltage of		5 555 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  Auxillary 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 c 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 screw-type terminals  Lamp  type of light source color of the light source light intensity 900 1 400 mcd  AC  110 V  200  110 V  Control circuit/ Control 110 V  3 A  Auxillary circuit  5 Silver alloy 10 Connection 5 Silver alloy 11 Connection 10 Connection 11 Connections/ Terminals 11 Connections/ Screw-type terminals 12 Connectable conductor cross-sections 12 Connectable conductor cross-		One maloneration per 100 million (17 \/ 5 m\) one maloneration per 10
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  • at 60 Hz rated value  • 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 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  • at AWG cables  tightening torque of the screw-type terminals  type of light source  tightening torque with screw-type terminals  Lamp  type of light source  light intensity  Ambient conditions  ambient temperature  • during speration  • during storage  environmental category during operation according to IEC  60721  Intensity Intensity  AC  110 V  10 V  110 V  10 V  110 V	Contact reliability	
supply voltage of the light source at AC  • at 50 Hz rated value  • at 60 Hz rated value  • at 60 Hz rated value  I10 V  Control circuit/ Control  inrush current of LED module maximum  3 A  Auxiliary circuit  design of the contact of auxiliary contacts	Supply voltage	
at 50 Hz rated value at 60 Hz rated value 110 V at 60 Hz rated value 110 V  control circuit/ Control irrush current of LED module maximum 3 A  Auxillary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 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 finely stranded with core end processing finely stranded without core end processing at AWC cables 2x (1.0 1,5 mm²) at AWC cables 2x (1.8 14) tightening torque of the screw-type terminals 2x (1.0 1,5 mm²) at AWC cables 2x (1.0 1,5 mm²) be flight source 1 tightening torque with screw-type terminals 2x (1.0 1,5 mm²) be flight source 1 tightening torque with screw-type terminals 2x (1.0 1,5 mm²) 4. 1 1,2 N·m 4 1,2 N·m 4 1,2 N·m 4 1,3 N·m 4 1,4 N·m 4 1,5	type of voltage of the supply voltage of the light source	AC
• 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  1 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 with 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  • during operation  • during storage  environmental category during operation according to IEC  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	supply voltage of the light source at AC	
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     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     • finely stranded with out core end processing     • at AWG cables  tightening torque of the screws in the bracket  tightening torque with screw-type terminals  type of light source     color of the light source  color of the light source  during operation  • during storage  environmental category during operation according to IEC  forzer  ambient temperature  • during storage  environmental category during operation according to IEC  stightening torque of the screws during operation permitted for all devices behind front panel)  Installation/ mounting/ dimensions	at 50 Hz rated value	110 V
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  solid with core end processing of inely stranded with core end processing of inely stranded without core end processing of 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  Ambient conditions  ambient temperature of during storage environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions	at 60 Hz rated value	110 V
Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1  Connections/ Terminals  type of electrical connection	Control circuit/ Control	
design of the contact of auxiliary contacts   number of NC contacts for auxiliary contacts   1	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  type of connectable conductor cross-sections  oscild with core end processing  ofinely stranded with core end processing  ofinely stranded without core end processing  of (1.5 mm²)  of (1.5 mm	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  oscild with core end processing  ofinely stranded with core end processing  ofinely stranded without core end processing  of (1,0 1,5 mm²)	design of the contact of auxiliary contacts	Silver alloy
type of electrical connection of modules and accessories e solid with core end processing finely stranded without core end processing at AWG cables tightening torque of the screw-type terminals  Lamp  type of light source color of the light source clight intensity  Ambient conditions ambient temperature during operation during dorses de during storage environmental category during operation according to IEC 60721  solid with core end processing 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)	number of NC contacts for auxiliary contacts	1
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  tightening torque with screw-type terminals   Lamp  type of light source  color of the light source  light intensity  • during storage  • during storage  environmental category during operation according to IEC  60721  Installation/ mounting/ dimensions	number of NO contacts for auxiliary contacts	1
Screw-type terminal      type of connectable conductor cross-sections	Connections/ Terminals	
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 • 2x (1.0 1,5 mm²) • at AWG cables • 2x (18 14)  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  4mbient conditions  ambient temperature • during operation • during storage environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions	type of electrical connection	screw-type terminals
solid with core end processing     solid without core end processing     solid with core end processing     solid without core end processing     solid with mark     solid with mark     solid with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Installation/ mounting/ dimensions	of modules and accessories	Screw-type terminal
solid with core end processing     solid without core end processing     solid with core end processing     solid without core end processing     solid with mark     solid with mark     solid with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Installation/ mounting/ dimensions		
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     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  Ambient conditions  ambient temperature     during operation     during storage     environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions		2x (0.5 0.75 mm²)
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>at AWG cables</li> <li>2x (101,5 mm²)</li> <li>2x (1814)</li> <li>tightening torque of the screws in the bracket</li> <li>11.2 N·m</li> <li>tightening torque with screw-type terminals</li> <li>0.8 0.9 N·m</li> </ul> Lamp type of light source <ul> <li>LED</li> <li>color of the light source</li> <li>light intensity</li> <li>900 1 400 mcd</li> </ul> Ambient conditions <ul> <li>ambient temperature</li> <li>during operation</li> <li>during storage</li> <li>environmental category during operation according to IEC 60721</li> <li>Installation/ mounting/ dimensions</li> </ul> 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		
<ul> <li>• finely stranded without core end processing</li> <li>• at AWG cables</li> <li>2x (1,0 1,5 mm²)</li> <li>2x (18 14)</li> <li>tightening torque of the screws in the bracket</li> <li>tightening torque with screw-type terminals</li> <li>0.8 0.9 N·m</li> </ul> Lamp type of light source <ul> <li>LED</li> <li>color of the light source</li> <li>light intensity</li> <li>900 1 400 mcd</li> </ul> Ambient conditions ambient temperature <ul> <li>during operation</li> <li>during storage</li> <li>environmental category during operation according to IEC 60721</li> </ul> 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		
• 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  color of the light source  light intensity  Ambient conditions  ambient temperature  • during operation  • during storage  environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  2x (18 14)  1 1.2 N·m  1		
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  Ambient conditions  ambient temperature  o during operation  during storage  environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  1 1.2 N·m  0.8 0.9 N·m  LED  white  900 1 400 mcd  -25 +70 °C  -40 +80 °C  3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)		
tightening torque with screw-type terminals  Lamp  type of light source  color of the light source  light intensity  Ambient conditions  ambient temperature  oduring operation  during storage  environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions   0.8 0.9 N·m  LED  white  900 1 400 mcd  -25 +70 °C  -40 +80 °C  3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)		
type of light source color of the light source light intensity 900 1 400 mcd  Ambient conditions ambient temperature • during operation • during storage -40 +80 °C environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions		
color of the light source light intensity 900 1 400 mcd  Ambient conditions  ambient temperature • during operation • during storage environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  white 900 1 400 mcd  -25 +70 °C  -40 +80 °C  3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)		
color of the light source light intensity 900 1 400 mcd  Ambient conditions  ambient temperature • during operation • during storage environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  white 900 1 400 mcd  -25 +70 °C  -40 +80 °C  3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)		LED
Second Part		
ambient temperature  • during operation • during storage • during storage • during storage • during storage -40 +80 °C  environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  -25 +70 °C -40 +80 °C  3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)		900 1 400 mcd
<ul> <li>◆ during operation</li> <li>◆ during storage</li> <li>←40 +80 °C</li> <li>environmental category during operation according to IEC 60721</li> <li>Installation/ mounting/ dimensions</li> <li>-25 +70 °C</li> <li>-40 +80 °C</li> <li>3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)</li> </ul>	Ambient conditions	
<ul> <li>◆ during operation</li> <li>◆ during storage</li> <li>←40 +80 °C</li> <li>environmental category during operation according to IEC 60721</li> <li>Installation/ mounting/ dimensions</li> <li>-25 +70 °C</li> <li>-40 +80 °C</li> <li>3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)</li> </ul>	ambient temperature	
• during storage  environmental category during operation according to IEC 80721  Installation/ mounting/ dimensions  -40 +80 °C  3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)	•	-25 +70 °C
environmental category during operation according to IEC 80721 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		-40 +80 °C
60721 condensation in operation permitted for all devices behind front panel)  Installation/ mounting/ dimensions		3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no
		condensation in operation permitted for all devices behind front panel)
fastening method front plate mounting	Installation/ mounting/ dimensions	
	fastening method	front plate mounting

<ul> <li>of modules and accessories</li> </ul>	Front plate mounting
height	40 mm
width	30 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	11 mm
installation width	29.5 mm
installation depth	71.7 mm
Contification   communication	

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=3SU1103-0AB60-1FA0-Z Y10

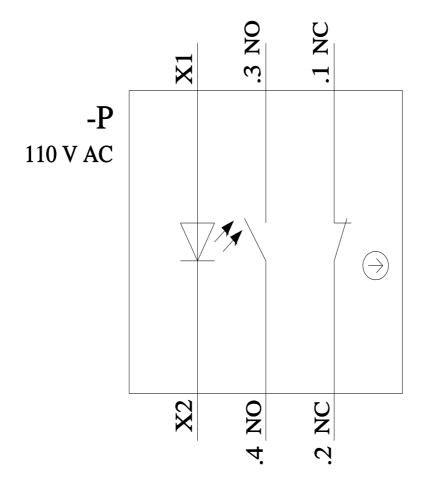
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1103-0AB60-1FA0-Z Y10

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1103-0AB60-1FA0-Z Y10

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1103-0AB60-1FA0-Z Y10&lang=en



last modified: 1/26/2022 🖸