## **SIEMENS**

## **Data sheet**



Illuminated pushbutton, 22 mm, round, plastic with metal front ring, blue, pushbutton, flat, momentary contact type, with holder, 1NO, LED module with integrated LED 24 V AC/DC, spring-type terminal, with laser labeling, lower case

product brand name	SIRIUS ACT	
product designation	Illuminated pushbuttons	
design of the product	Complete unit	
product type designation	3SU1	
product line	Plastic with metal front ring, matt, 22 mm	
manufacturer's article number		
<ul> <li>of supplied contact module at position 1</li> </ul>	3SU1400-1AA10-3BA0	
<ul> <li>of supplied LED module</li> </ul>	3SU1401-1BB50-3AA0	
<ul> <li>of the supplied holder</li> </ul>	3SU1550-0AA10-0AA0	
<ul> <li>of the supplied actuator</li> </ul>	3SU1031-0AB50-0AA0	
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	blue	
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 letters	
number of contact modules	1	
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	1	
General technical data		
product function positive opening	No	
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)	
of the terminal	IP20	

shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 category 1, Class B  vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 category 1, Class B  10500 Hz: 5g for railway applications according to EN 61373 operating frequency maximum 3 600 1/h mechanical service life (switching cycles) typical electrical endurance (switching cycles) typical for a for a short-circuit current smaller than 400 A  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 g  10 A  continuous current of the DIAZED fuse link g  10 A  Substance Prohibitance (Date) operating voltage at AC at 50 Hz rated value 5500 V  Power Electronics  contact reliability  Contact reliability  Supply voltage  type of voltage of the supply voltage of the light source supply voltage  type of voltage of the light source at AC at 50 Hz rated value 24 V at 60 Hz rated value 24 V supply voltage of the light source at DC rated value 24 V supply voltage of the light source at DC rated value 24 V supply voltage of the light source at DC rated value 24 V supply voltage of the light source at DC rated value 24 V supply voltage of the light source at DC rated value 24 V supply voltage of the light source at DC rated value 24 V supply voltage of the light source at DC rated value 25 V supply voltage of the light source at DC rated value 26 V supply voltage of the light source at DC rated value 36 Hz rated value 37 Silver alloy supply contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts 10		
** according to IEC 60068-2.27     ** for railway applications according to EN 61373     ** of railway applications according to EN 61373     ** operating frequency maximum     ** according to IEC 60082-6     ** for railway applications according to EN 61373     ** operating frequency maximum     ** according to IEC 60082-6     ** of railway applications according to EN 61373     ** operating frequency maximum     ** according to IEC 61346-2     ** operating deciring cycles) typical     ** thorac conditions current of the Characteristic MSB     ** continuous current of the Characteristic MSB     ** continuous current of the Quito IDAZED fuse link     ** continuous current of the Quito IDAZED fuse link     ** operating voltage     ** at AC     ** at 50 Hz rated value     ** at DC rated value     ** at SD Far rated value     ** at SD Far rated value     ** at SD Hz rate	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
Trailway applications according to EN 61373   Category 1, Class B		
without nesistance	•	
10500 Hz: 5g   For rallway applications according to EN 61973   Category 1, Class B   Soperating frequency maximum   Sobot 1/h   So		Category 1, Class B
• 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 81348-2 continuous current of the C characteriste MCB continuous current of the Quike DIAZED fuse link continuous current of the Quike DIAZED fuse link g6 Substance Prohibitance (Dats) operating voltage	•	· ·
mechanical service life (switching cycles) typical electrical endurance (switching cycles) typical electrical endurance (switching cycles) typical 10 00 000 reference code according to IEC 81348-2 S continuous current of the Cartacteristic MCB continuous current of the quick DIAZED fuse link g continuous current of the quick DIAZED fuse link g continuous current of the quick DIAZED fuse link g continuous current of the QIAZED fuse link g continuous current of the QIAZED fuse link g continuous current of the DIAZED fuse link g continuous current of the QIAZED fuse link g a continuous current of the QIAZED fuse link g a continuous current of the QIAZED fuse link g a continuous current of the QIAZED fuse link g a continuous current of the QIAZED fuse link g a continuous current of the QIAZED fuse link g contact reliablity contact for the light source at AC a to 50 the reliablity contact g a to 80 the reliablity contact g		
electrical endurance (switching cycles) typical thermal current reference code according to IEC 81346-2 continuous current of the C characteristic MCB continuous current of the C blAZED fuse link continuous current of the pluck DIAZED fuse link of porating voltage		3 600 1/h
thermal current reference code according to IEC 81348-2 S continuous current of the C characteristic MCB 10 A; for a short-circuit current smaller than 400 A; for a short-circuit smaller than 400 A; for a short-circuit smaller than 400 A; for a short-circuit smaller th		3 000 000
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 G Substance Prohibitance (Date)  operating voltage	electrical endurance (switching cycles) typical	
continuous current of the C characteristic MCB continuous current of the fluck DIAZED fuse link continuous current of the fluck DIAZED fuse link g Substance Prohibitance (Date) operating voltage e at AC  — at 50 Hz rated value	thermal current	10 A
continuous current of the quick DIAZED fuse link go continuous current of the DIAZED fuse link go Substance Prohibitance (Date) operating voltage	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 DC rated value • at DC rated value • at DC rated value • at 60 Hz rated value  Supply voltage  Uppe of voltage of the supply voltage of the light source supply voltage of the light source at AC • at 60 Hz rated value • at 80 Hz rated val	continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
Substance Prohibitance (Date) operating voltage	continuous current of the quick DIAZED fuse link	10 A
ot AC  at 50 Hz rated value bit AC  at 50 Hz rated value cat DC rated value bit AC  contact reliability  contact for the light source at AC  at 50 Hz rated value at 50 Hz rated value at 60 Hz rated	continuous current of the DIAZED fuse link gG	10 A
• at AC  — at 50 Hz rated value — at 60 Hz rated value 5 500 V  • at DC rated value 5 500 V  Power Electronics  Contact reliability  One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  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 24 V • at 60 Hz rated value 24 V  at 01 Hz rated value 24 V  supply voltage 1 of the light source at DC rated value Control clirability Control Inrush current of LED module maximum 2 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 without core end processing • at AWG cables  tightening forque of the screws in the bracket  LED  tight inlineary  type of light source color of the light source  during storage  environmental category during operation according to IEC  environmental category during operation according to IEC  at the processing  during storage  environmental category during operation according to IEC  force produces and accessories  front plate mounting	Substance Prohibitance (Date)	10/01/2014
- at 50 Hz rated value 5 500 V 5 500 V 7 5	operating voltage	
- at 80 Hz rated value 5 500 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 at AC at 80 Hz rated value 24 V at 80 Hz rated value 24 V at 80 Hz rated value 24 V control circuit/ Control  Inrush current of LED module maximum 2A  Auxiliary circuit 30 mumber of NC contacts for auxiliary contacts 10 connections/ Terminals  Type of electrical connection 5 princy spring-placed terminals  Type of electrical connection 6 infer year and accessories 1 solid without core end processing 6 infely stranded with core end processing 7 infel year and with core end processing 9 in	• at AC	
• 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 (6 V, 1 mA)  Supply voltage  supply voltage of the supply voltage of the light source at AC  • at 50 Hz rated value 24 V  supply voltage 1 of the light source at DC rated value 24 V  supply voltage 1 of the light source at DC rated value 24 V  Control circuit/ Control  inrush current of LED module maximum 2 A  Auxiliary circuit  design of the contact of auxiliary contacts 0 0  number of NC contacts for auxiliary contacts 1 1  Connections/ Torminals  type of electrical connection 5 spring-loaded terminals 5 spring-loaded terminals 6 spring-type terminal 7 type of connectable conductor cross-sections 9 spring-loaded terminals 1 type of connectable conductor cross-sections 1 type of connectable conductor cross-sections 2 x (0.25 1.5 mm²) 3 x (0.25 1.5 m	— at 50 Hz rated value	5 500 V
Power 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  supply voltage of the light source at AC  at 50 Hz rated value  at 60 Hz rated value  24 V  supply voltage 1 of the light source at DC 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 Connections/ Terminals  type of electrical connection  of modules and accessories  finely stranded with core end processing  in finely stranded with core end processing  at AVNC cables  tight source  color of the light source  color of the light source  during operation  during operation  during operation  during operation  during storage  environmental category during operation according to IEC  for modules and accessories  Spring-type terminal  type of light source  color of the light source  during operation  during operation  during storage  during operation according to IEC  for fort plate mounting  front plate mounting	— at 60 Hz rated value	5 500 V
Contact reliability  Supply voitage  type of voitage of the supply voitage of the light source supply voitage of the light source at AC • at 50 Hz rated value • at 60 Hz rated value • at 60 Hz rated value  Supply voitage of the light source at DC rated value • at 60 Hz rated value  Supply voitage of the light source at DC rated value  Control circuit/ Control  Inrush current of LED module maximum  Axxiliary circuit  design of the contact of auxiliary contacts  number of NC contacts for 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  finely stranded with core end processing • finely stranded with core end processing • at AWG cables  tight ening torque of the screws in the bracket  Lamp  type of light source  color of the light source  during operation • during operation • during operation • during storage  environmental category during operation according to IEC 60721  Installation/ mounting/ dimonsions  front plate mounting	at DC rated value	5 500 V
supply voltage type of voltage of the supply voltage of the light source at AC  at 50 Hz rated value 24 V  supply voltage of the light source at DC rated value 24 V  supply voltage of the light source at DC rated value 24 V  supply voltage of the light source at DC rated value 24 V  supply voltage of the light source at DC rated value 24 V  Supply voltage of the light source at DC rated value 24 V  Control circuit/ Control  Inrush current of LED module maximum 2 A  Auxiliary circuit  design of the contact of auxiliary contacts 5 lumber of NC contacts for auxiliary contacts 1 0  number of NC contacts for auxiliary contacts 1 1  Connections/ Torminals  type of electrical connection 5 spring-loaded terminals 5 spring-loaded terminals 5 spring-loaded terminals 5 spring-type terminal 1 type of electrical connection 2 x (0.25 1.5 mm²) 3 x (	Power Electronics	
type of voltage of the supply voltage of the light source at AC supply voltage of the light source at AC at 50 Hz rated value at 60 Hz rated value 24 V supply voltage 1 of the light source at DC rated value 24 V Control circuit/ Control inrush current of LED module maximum 2 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 sinely stranded with core end processing at AWG cables tightening torque of the screws in the bracket light intensity type of light source environmental category during operation according to IEC off modules and accessories  abiliary force of the supply voltage of the light source environmental category during operation according to IEC supply voltage of the supply voltage of the light source of modules and accessories  abiliary force of the supply voltage of the light source environmental category during operation according to IEC off cort plate mounting front plate mounting	contact reliability	
type of voltage of the supply voltage of the light source at AC  at 50 Hz rated value 24 V  at 60 Hz rated value 24 V  Control circuit/ Control  Inrush current of LED module maximum 2A  Auxillary circuit  design of the contact of auxillary contacts number of NC contacts for auxillary contacts 1  Connections/ Terminals  type of electrical connection of infully stranded with core end processing 6 infully stranded with core end processing 2x (0.25 1.5 mm²)  at AWG cables 1  tight source 1  tight source 1  Lamp  type of light source 2  LED  color of the light source 1  during operation 4  e during operation 4  e of modules and accessories 5  ability at and accessories 6  environmental category during operation according to IEC 6  60721  front plate mounting / front plate mounting front plate mounting front plate mounting of montal service with a conductor condensation in operation permitted for all devices behind front panel) installation/ mounting/ dimensions  front plate mounting  AC/DC  24 V  24 V  24 V  24 V  24 V  25 V  26 V  26 V  26 V  27 V  28 V  28 V  29 V  20		million (5 V, 1 mA)
supply voltage of the light source at AC  • at 50 Hz rated value  • at 60 Hz rated value  supply voltage 1 of the light source at DC rated value  24 V  supply voltage 1 of the light source at DC rated value  24 V  Control circuit/ Control  inrush current of LED module maximum  2 A  Auxiliary circuit  design of the contact of auxiliary contacts  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  1  Connections/ Terminals  type of electrical connection  • of modules and accessories  • olid without core end processing  • finely stranded with core end processing  • at AWG cables  • at AWG cables  • at AWG cables  • at AWG cables  • tightening torque of the screws in the bracket  LED  color of the light source  color of the light source  eluring operation  • during operation  • during operation  • during operation  • during storage  environmental category during operation according to IEC  fort plate mounting  fastening method  • of modules and accessories  Front plate mounting  front plate mounting  Front plate mounting  Front plate mounting	Supply voltage	
at 50 Hz rated value at 60 Hz rated value 24 V  control circuit/ Control  inrush current of LED module maximum 2 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 without core end processing affinely stranded without core end processing affinely stranded without core end processing at AWG cables tightening torque of the screws in the bracket  LED  color of the light source light intensity  ambient temperature during operation during dimensions  fastening method of modules and accessories  at 60 Hz rated value 24 V  24 V  24 V  25 V  26 V  26 V  27 V  28 V  28 V  28 V  29 V  29 V  29 V  20 V	type of voltage of the supply voltage of the light source	AC/DC
e at 60 Hz rated value  supply voltage 1 of the light source at DC rated value  Control circuit/ Control  Inrush current of LED module maximum  2 A  Auxiliary circuit  design of the contact of auxiliary contacts  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  type of electrical connection  of modules and accessories  solid without core end processing  finely stranded without core end processing  at AWG cables  tightening torque of the screws in the bracket  Lamp  yer of light source  color of the light source  during operation  during operation  during storage  fastening method  of modules and accessories  for not plate mounting  front plate mounting  for up plate mounting  for not plate mounting  for up plate mounting  front plate mounting  for up	supply voltage of the light source at AC	
Supply voltage 1 of the light source at DC rated value  Control circuit/ Control  Inrush current of LED module maximum  2 A  Auxiliary circuit  design of the contact of auxiliary contacts  Number of NC contacts for auxiliary contacts  Number of NC contacts for auxiliary contacts  Properties  Connections/ Terminals  type of electrical connection  of modules and accessories  solid without core end processing  finely stranded with core end processing  at AWG cables  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  form plate mounting  front plate mounting	at 50 Hz rated value	24 V
Control circuit/ Control  Inrush current of LED module maximum 2 A  Auxiliary circuit  design of the contact of auxiliary contacts 0 number of NC contacts for auxiliary contacts 1  Connections/ Terminals  type of electrical connection of modules and accessories 5	at 60 Hz rated value	24 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 without core end processing finely stranded with core end processing at AWG cables type of light source color of the light source light intensity  ambient temperature of uning sproage environmental category during operation according to IEC 60721  for plate mounting/ for plate mounting/ for plate mounting	supply voltage 1 of the light source at DC rated value	24 V
Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  for auxiliary contacts  connections/ Terminals  type of electrical connection	Control circuit/ Control	
design of the contact of auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       0         Connections / Terminals         type of electrical connection         • of modules and accessories       spring-loaded terminals         • pring-type terminal       \$pring-type terminal         type of connectable conductor cross-sections         • solid without core end processing       2x (0.25 1.5 mm²)         • finely stranded with core end processing       2x (0.25 1.5 mm²)         • finely stranded with core end processing       2x (0.25 1.5 mm²)         • at AWG cables       2x (24 16)         tightening torque of the screws in the bracket       1 1.2 N·m         Lamp         type of light source       LED         color of the light source       blue         light intensity       280 710 mcd         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       front plate mounting      <	inrush current of LED module maximum	2 A
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	Auxiliary circuit	
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	design of the contact of auxiliary contacts	Silver alloy
type of electrical connection of modules and accessories  spring-loaded terminals  type of connectable conductor cross-sections of solid without core end processing of finely stranded with core end processing of at AWG cables tightening torque of the screws in the bracket  Lamp  type of light source light intensity  ambient conditions  ambient temperature of during storage of unrig storage environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method of modules and accessories  screws in spring-loaded terminals spring-loa		0
type of electrical connection	number of NO contacts for auxiliary contacts	1
• of modules and accessories  type of connectable conductor cross-sections  • 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  LED  tight source  LED  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  fastening method • of modules and accessories  Spring-type terminal  2x (0.25 1.5 mm²)  2	Connections/ Terminals	
• of modules and accessories  type of connectable conductor cross-sections  • 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  LED  tight source  LED  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  fastening method • of modules and accessories  Spring-type terminal  2x (0.25 1.5 mm²)  2	type of electrical connection	spring-loaded terminals
<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>finely stranded without core end processing</li> <li>at AWG cables</li> <li>2x (24 16)</li> <li>tightening torque of the screws in the bracket</li> <li>1 1.2 N·m</li> </ul> type of light source <ul> <li>LED</li> <li>color of the light source</li> <li>light intensity</li> <li>ambient conditions</li> </ul> ambient temperature <ul> <li>during operation</li> <li>during storage</li> <li>environmental category during operation according to IEC 60721</li> <li>Installation/ mounting/ dimensions</li> <li>fastening method</li> <li>of modules and accessories</li> </ul> 2x (0.25 1.5 mm²) <ul> <li>2x (0.25 0.75 mm²)</li> <li>2x (0.25 1.5 mm²)<td></td><td></td></li></ul>		
<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>finely stranded without core end processing</li> <li>at AWG cables</li> <li>2x (24 16)</li> <li>tightening torque of the screws in the bracket</li> <li>1 1.2 N·m</li> </ul> type of light source <ul> <li>LED</li> <li>color of the light source</li> <li>light intensity</li> <li>ambient conditions</li> </ul> ambient temperature <ul> <li>during operation</li> <li>during storage</li> <li>environmental category during operation according to IEC 60721</li> <li>Installation/ mounting/ dimensions</li> <li>fastening method</li> <li>of modules and accessories</li> </ul> 2x (0.25 1.5 mm²) <ul> <li>2x (0.25 0.75 mm²)</li> <li>2x (0.25 1.5 mm²)<td></td><td>, , ,</td></li></ul>		, , ,
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>at AWG cables</li> <li>2x (0.25 1.5 mm²)</li> <li>2x (24 16)</li> <li>tightening torque of the screws in the bracket</li> <li>1 1.2 N·m</li> </ul> LED <ul> <li>color of the light source</li> <li>light intensity</li> <li>ambient conditions</li> </ul> Ambient temperature <ul> <li>during operation</li> <li>during storage</li> <li>environmental category during operation according to IEC 60721</li> <li>Installation/ mounting/ dimensions</li> <li>fastening method</li> <li>of modules and accessories</li> </ul> 2x (0.25 0.75 mm²) <ul> <li>2x (0.25 1.5 mm²)</li> </ul> 2x (0.25 1.5 mm²) <ul> <li>2x (0.25 1.5 mm²)</li> </ul> - LED <ul> <li>blue</li> </ul> 380 710 mcd <ul> <li>380 710 mcd</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>front plate mounting</li> <li>Front plate mounting</li> </ul> Front plate mounting <ul> <li>Front plate mounting</li> </ul> Front plate mounting <ul> <li>Front plate mounting</li> </ul> Front plate mounting		2x (0.25 1.5 mm²)
<ul> <li>finely stranded without core end processing</li> <li>at AWG cables</li> <li>2x (24 16)</li> <li>tightening torque of the screws in the bracket</li> <li>1 1.2 N·m</li> </ul> type of light source <ul> <li>LED</li> <li>color of the light source</li> <li>light intensity</li> <li>280 710 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> <li>fastening method</li> <li>of modules and accessories</li> </ul> front plate mounting <ul> <li>Front plate mounting</li> </ul> Front plate mounting		
• at AWG cables  tightening torque of the screws in the bracket  1 1.2 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  fastening method • of modules and accessories  2x (24 16)  1 1.2 N·m  1		
tightening torque of the screws in the bracket  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  fastening method of modules and accessories  LED  280 10 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)  Front plate mounting  Front plate mounting		
type of light source color of the light source light intensity 280 710 mcd  Ambient conditions ambient temperature		
type of light source  color of the light source  light intensity  Ambient conditions  ambient temperature  outring operation during storage  environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method of modules and accessories  LED blue  280 710 mcd  -25 +70 °C  -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)  front plate mounting Front plate mounting Front plate mounting		
light intensity  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  blue  280 710 mcd  280 710 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)  front plate mounting  Front plate mounting  Front plate mounting		LED
light intensity       280 710 mcd         Ambient conditions         ambient temperature         ● during operation       -25 +70 °C         ● during storage       -40 +80 °C         environmental category during operation according to IEC 60721         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)         Installation/ mounting/ dimensions       front plate mounting         Front plate mounting       Front plate mounting		
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  -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)  front plate mounting Front plate mounting		
ambient temperature  • during operation • during storage  environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method • of modules and accessories  -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)  front plate mounting  Front plate mounting		
<ul> <li>during operation         <ul> <li>during storage</li> <li>40 +80 °C</li> </ul> </li> <li>environmental category during operation according to IEC 60721</li> <li>Installation/ mounting/ dimensions</li> <li>fastening method         <ul> <li>of modules and accessories</li> </ul> </li> <li>-25 +70 °C         <ul> <li>-40 +80 °C</li> </ul> </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> <li>front plate mounting</li> <li>Front plate mounting</li>		
<ul> <li>during storage         <ul> <li>during storage</li> <li>40 +80 °C</li> </ul> </li> <li>environmental category during operation according to IEC 60721         <ul> <li>Installation/ mounting/ dimensions</li> </ul> </li> <li>fastening method         <ul> <li>of modules and accessories</li> <li>front plate mounting</li> </ul> </li> <li>Front plate mounting</li> <li>Front plate mounting</li> <li>Front plate mounting</li> </ul>		-25 +70 °C
environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method  of modules and accessories  onumber 18		
60721 condensation in operation permitted for all devices behind front panel)  Installation/ mounting/ dimensions  fastening method front plate mounting  • of modules and accessories Front plate mounting		
fastening method       front plate mounting         ● of modules and accessories       Front plate mounting	60721	
• of modules and accessories Front plate mounting	-	
	_	
height 40 mm		
	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	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=3SU1132-0AB50-3BA0-Z Y12

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1132-0AB50-3BA0-Z Y12

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1132-0AB50-3BA0-Z Y12

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1132-0AB50-3BA0-Z Y12&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1132-0AB50-3BA0-Z Y12&lang=en</a>

last modified: 1/26/2022 🖸