## **SIEMENS**

## **Data sheet**



Illuminated pushbutton, 22 mm, round, plastic with metal front ring, white, pushbutton, flat, momentary contact type, with holder, 1 NO+1 NC, LED module with integrated LED 24 V AC/DC, screw 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>	3SU1400-1AA10-1FA0	
• of supplied LED module	3SU1401-1BB60-1AA0	
of the supplied holder	3SU1550-0AA10-0AA0	
of the supplied actuator	3SU1031-0AB60-0AA0	
number of command points	1	
ctuator		
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	
naterial 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	
naterial of the front ring	Metal, matt	
color of the front ring	sand gray	
older		
naterial of the holder	Plastic	
splay		
number of LED modules	1	
eneral technical data		
product function positive opening	Yes	
product component light source	Yes	
nsulation voltage rated value	320 V	
degree of pollution	3	
ype 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, clamping screw tightened	
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13	

shock resistance  * according to IEC 60088-2-27  * for railway applications according to EN 01373  Category 1, Class B  * according to IEC 60088-2-6  * according to IEC 60148-2  * according to IEC 60148-2  * according to IEC 61346-2		
* for railway applications according to EN 61373  vibration resistance  * according to EC 60088-2.6  * according to EC 61346-2  * accordin	shock resistance	
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* coronling to IEC 60086-2-6     * for railway applications according to EN 61973     Category 1, Class B     Operating frequency maximum     3600 1/h     3000 000     decincial endurance (operating cycles) bytical     10 A     reference code according to IEC 81346-2     S     continuous current of the C characteristic MCB     continuous current of the C characteristic MCB     continuous current of the QUEX Dutz En fuse link     continuous current of the QUEX Dutz En fuse link     continuous current of the QUEX Dutz En fuse link     continuous current of the QUEX Dutz En fuse link     continuous current of the QUEX Dutz En fuse link     continuous current of the QUEX Dutz En fuse link     continuous current of the QUEX Dutz En fuse link     continuous current of the QUEX Dutz En fuse link     continuous current of the QUEX Dutz En fuse link     continuous current of the QUEX Dutz En fuse link     continuous current of the QUEX Dutz En fuse link     continuous current of the QUEX Dutz En fuse link     continuous current of the QUEX Dutz En fuse link     continuous current of the Quex Dutz En fuse link     continuous current of the Quex Dutz En fuse link     continuous current of the Quex Dutz En fuse     a 100 First rated value     a 100 First rated value     a 100 First duty Voltage of the light source     a 100 First duty Voltage of the light source     a 100 First floor voltage     a 10	for railway applications according to EN 61373	Category 1, Class B
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mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) typical forerone code according to LEC 81346-2 8 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 gG 10 A Substance Prohibitance (Date)  operating voltage  - at 80 Hz rated value - 5 500 V - at 80 Hz rated value - 5 500 V  - at 80 Hz rated value - 5 500 V  - ACIDC  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 - at 80 Hz rated value - 24 V - at 80 Hz rated value - 24 V - at 90 Hz rated value - 24 V - at 90 Hz rated value - 24 V - at 90 Hz rated value - 24 V - at 90 Hz rated value - 24 V - at 90 Hz rated value - 24 V - at 90 Hz rated value - 24 V - at 90 Hz rated value - 24 V - at 90 Hz rated value - 24 V - at 90 Hz rated value - 24 V - at 90 Hz rated value - 24 V - at 90 Hz rated value - 24 V - at 90 Hz rated value - 25 V - at 90 Hz rated value - 26 V - at 90 Hz rated value - 27 V - at 90 Hz rated value - 28 V - at 90 Hz rated value - 28 V - at 90 Hz rated value - 28 V - at 90 Hz rated value - 28 V - at 90 Hz rated value - 28 V - at 90 Hz rated value - 28 V - at 90 Hz rated value - 28 V - at 90 Hz rated value - 28 V - at 90 Hz rated value - 28 V - at 90 Hz rated value - 28 V - at 90 Hz rated value - 28 V - at 90 Hz rated value - 28 V - at 90 Hz rated value - 28 V - at 90 Hz rated value - 28 V - at 90 Hz rated value - 28 V - at 90 Hz rated value - 28 V - at 90 Hz rated value - 28 V - at 90 Hz rated value - 28 V - at 90 Hz rated value - 28 V - at 90 Hz rated value - 29 V - at 90 Hz rated value - 20 Hz	for railway applications according to EN 61373	Category 1, Class B
electroal endurance (operating cycles) typical thermal current thermal current reference code according to IEC 81346-2 Sonthiouse current of the Quick DAZED fuse link continuous current of the Quick DAZED fuse link continuous current of the Quick DAZED fuse link G Substance Prohibitance (Data) Substance Prohibitance (Data) Quick Control of the Quick DAZED fuse link G Substance Prohibitance (Data) Quick Control of the Quick DAZED fuse link G Substance Prohibitance (Data) Quick Control of the Quick DAZED fuse link G Substance Prohibitance (Data) Quick Control of Care Co		3 600 1/h
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reference code according to IEC 81348-2  continuous current of the Quick DAZED fuse link  continuous current of the Quick DAZED fuse link  continuous current of the Quick DAZED fuse link gG  substance Prohibitance (Date)  operating voltage  • at AC  — at 50 Hz rated value — at 60 Hz rated value		10 000 000
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continuous current of the DIAZED fuse link gG  Substance Prohibitance (Date)  • at AC  — at 60 Hz rated value  • at DC rated value  • at SU Hz rated valu	continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
Substance Prohibitance (Date)  operating voltage  at AC  — at 50 Hz rated value  — at 60 Hz rated value  5 500 V  • at CO rated value  • at DC rated value  • at DC rated value  • at CO rated value  • at CO rated value  • at CO 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 light source at AC  • at 50 Hz rated value  • at 60 Hz rated value  24 V  • at 80 Hz rated value  25 V  Control circuit/ Control  Inrush current of LED module maximum  2 A  Auxiliary circuit  design of the contact of auxiliary contacts  1 unumber of NC contacts for auxiliary contacts  1 unumber of NC contacts for auxiliary contacts  1 type of electrical connection  • of modules and accessories  Soriew-type terminal  Type of electrical connection  • of modules and accessories  • solid without core end processing  • finely stranded with core end processing  • finely stranded without core end processing  • finely stranded without core end proc	continuous current of the quick DIAZED fuse link	
operating voltage  at AC  — at 50 Hz rated value  — at 00 Hz rated value  5 500 V  — at 00 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  24 V  at 50 Hz rated value  24 V  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  number of NC contacts for auxiliary contacts  1 connections/ Terminals  Type of olectrical connection  of medius and accessories  1 connections/ Terminals  Type of olectrical connection  sold with core end processing  sold with core end processing  finely stranded with core end processing  finely stranded with core end processing  finely stranded with core end processing  for new finely stranded with core end processing  for new finely stranded with core end processing  for linely stranded with core end processing  sold without c	continuous current of the DIAZED fuse link gG	
at AC  at 50 Hz rated value  at 60 Hz rated value  but 10 Crated value  contact reliability  One malioperation per 100 million (17 V, 5 mA), one maloperation per 10 million (8 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 60 Hz rated value  at 60 Hz rated value  24 V  at 60 Hz rated value  24 V  Control circuit/ Control  Inrush current of LED module maximum  2 A  Auxillary circuit  design of the contact of auxillary contacts  number of NC contacts for auxillary contacts  1  Connections/ Terminals  type of olenctract connection  of modules and accessories  Sold without core end processing  solid without core end processing  for AWC cables  if on AWC cables  ginely stranded with core end processing  of no fively stranded with core end processing  for a WC cables  ginely stranded with core end processing  and in extra supply stranded with core end processing  for a WC cables  ginely stranded with core end processing  and in extra supply stranded with core end processing  and in extra supply stranded with core end processing  and in extra supply stranded with core end processing  and in extra supply stranded with core end processing  and in extra supply stranded with core end processing  and in extra supply stranded with core end processing  and in extra supply stranded with core end processing  and in extra supply stranded with core end processing  and in extra supply stranded with core end processing  and in extra supply stranded with core end processing  and in extra supply stranded with core end processing  and in extra supply stranded with core end processing  and supply stranded wit	Substance Prohibitance (Date)	10/01/2014
- at 50 Hz rated value 5 500 V  - at 50 Hz rated value 5 500 V   Power Electronics   contact reliability	operating voltage	
at DC rated value 5500 V 5500 V  Power Electronics  contact rollability Cnew Electronics  Contact rollability Cnew Electronics  Supply voltage  Type of voltage of the supply voltage of the light source at AC (54 mA)  at 50 Hz rated value 24 V at 50 Hz rated value 24 V  at 60 Hz rated value 24 V  Control circuit/ Control  Incush current of LED module maximum 2 A  Auxiliary circuit  design of the contact of auxiliary contacts 1  number of NC contacts for auxiliary contacts 1  connections/ Terminals  Type of electrical connection 5 crew-type terminals  type of connectable conductor cross-sections  a solid with core end processing 2x (101, 5 mm²)  finely stranded without core end processing 2x (101, 5 mm²)  finely stranded without ore end processing 2x (101, 5 m	• at AC	
a the Crated value  boundary Contact reliability  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  24 V  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  1 number of NC contacts for auxiliary contacts  1 of modules and accessories  type of onectable conductor cross-sections  a solid with core end processing  solid without core end processing  in finely stranded without core end processing  for AWG cables  tightening torque with screw-type terminals  type of Ight source  LED  type of light source  LED  type of light source  color of the light source  while  light intensity  down and contacts of the contact of the scrows in the bracket  during storage  while  during storage  ambient conditions  ambient domperaturo  during storage  for Amd cacessories  LED  color of the light source  during storage  ambient conditions  ambient conditions  ambient conditions  ambient domperation  during domenance cording to IEC  of modules and accessories  front plate mounting  for not plate mounting  for not plate mounting  for not modules and accessories  front plate mounting  for not modules and accessories  front plate mounting  front plate mounting  front plate mounting  front plate mounting		
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  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  Supply voltage 1 of the light source at DC rated value  24 V  Control circuit/ Control  Inrush current of LED module maximum  2 A  Auxillary circuit  design of the contacts for auxillary contacts  number of NC contacts for auxillary contacts  1 1  number of NC contacts for auxillary contacts  1 2  Contections/ Terminals  Type of electrical connection  of modules and accessories  Sorew-type terminals  Type of connectable conductor cross-sections  old with order end processing  as idd without core end processing  finely stranded with core end processing  finely stranded without core end processing  for AWG cables  2x (101.5 mm²)  finely stranded without core end processing  for AWG cables  2x (101.5 mm²)  finely stranded without core end processing  for AWG cables  2x (101.5 mm²)  for the screws in the bracket  11.2 N·m  tightening torque with screw-type terminals  Lamp  Type of light source  color of the light source  during storage  during storage  during storage  during storage  and mounting dimensions  fastening method  of modules and accessories  Front plate mounting  front plate mounting  front plate mounting		
contact reliability    One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)		5 500 V
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  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  25 V  Control circuit/ Control  Innush current of LED module maximum  26 A  Auxiliary circuit  design of the contact of auxiliary contacts  Inumber of NC contacts for auxiliary contacts  I of modules and accessories  Screw-type terminals  type of electrical connection  • of modules and accessories  Screw-type terminals  type of connectable conductor cross-sections  • solid without core end processing  • solid without core end processing  • finely stranded with core end processing  • finely stranded without core end processing  • for AWG cables  In 1.5 mm²)  • for AWG cables  2x (10 1.5 mm²)  • for AWG cables  2x (18 14)  Itightening torque of the screw-type terminals  Lemp  Type of light source  LED  color of the light source  • during operation  • during storage  • during peration  • during storage  • during storage  • during storage  • during peration  • during storage  •	Power Electronics	
Supply 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  Auxiliary circuit  design of the contact of auxiliary contacts 1  number of NC contacts for auxiliary contacts 5  screw-type terminal  type of electrical connection 5  • of modules and accessories 7  • solid without core end processing 2x (1.0 1.5 mm²)  • finely stranded with core end processing 2x (1.0 1.5 mm²)  • for AWG cables 2x (18 14)  tightening torque of the screws in the bracket 1 1.2 Nm  tightening torque with screw-type terminals 0.8 0,9 N·m  Lamp  type of light source bracked 1 1.2 Nm  tightening torque with screw-type terminals 0.8 0,9 N·m  Lamp  type of light source 0.4 1.40 mm  delight intensity 900 1400 mcd  Ambient emporature 4 during operation 4.0 40 480 °C 40 48	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  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  Auxillary circuit  design of the contact of auxillary 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 • for AWG cables  tightening torque of the screw-type terminals  Lamp  type of light source color of the light source  • during operation • during operation • during operation • during peration 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)  Front plate mounting	0	(5 V, 1 MA)
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  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 Silver alloy 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 with core end processing finely stranded with core end processing finely stranded with core end processing finely stranded with core end processing Sightening torque of the screws in the bracket In 1 1.2 Nm Itightening torque with screw-type terminals  Lamp  type of light source color of the light source dights ource dights ource dights ource dights ource dights ource during operation seconding to IEC soft of modules and accessories Front plate mounting front plate mounting front plate mounting Front plate mounting		
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■ at 60 Hz rated value     supply voltage 1 of the light source at DC rated value		
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  screw-type terminal  type of connectable conductor cross-sections  of modules and end processing  elinely stranded with core end processing  of new ystranded with core end processing  finely stranded with core end processing  of new ystranded with core end processing		
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 with core end processing  olimity stranded with core end processing  finely stranded with core end processing  of modules and accessories  2x (1.0 1.5 mm²)  finely stranded with core end processing  of new year of the screws in the bracket  tightening torque of the screws in the bracket  tightening torque with screw-type terminals  amp  type of light source  color of the light source  during storage  during storage  environmental category during operation according to IEC  60721  mstallation/ mounting/ dimensions  featening method  of modules and accessories  Silver alloy  sleve alloy  serwilloy  sleve alloy  serwilloy terminals  2 (A 40, 4		
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts		24 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 • of modules and accessories • solid with core end processing • solid without core end processing • finely stranded without core end processing • finely stranded without core end processing • for AWG cables  tightening torque of the screws in the bracket tightening torque with screw-type terminals  LED  color of the light source light intensity  4 LED  color of the light source  during operation • during operation according to IEC 60721  fastening method • of modules and accessories  Silver alloy  1 1  Le 1  And 1  And 1  And 1  And 1  And 2  Silver alloy  1 1  And 2  And 3  And 4		
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1  Connections/ Terminals  type of electrical connection • of modules and accessories • solid with core end processing • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • for AWG cables  tightening torque of the screws in the bracket itghtening torque with screw-type terminals  2x (1.0 1.5 mm²) • for AWG cables  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  white light intensity  4nblent conditions  ambient temperature • during operation • during storage  environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method • of modules and accessories  Silver alloy  1		2 A
number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  type of electrical connection  of modules and accessories  solid with core end processing  finely stranded with core end processing  finely stranded with core end processing  for AWG cables  type of the screw-type terminal  type of the screw-type terminal  type of light source  tightening torque with screw-type terminals  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  screw-type terminals  2x (1.01.5 mm²)  2x (0.50.75 mm²)  2x (0.50.75 mm²)  2x (0.51.5 mm²)  2x (1.01.5 mm²)  2x (1.0		
number of NO contacts for auxiliary contacts  type of electrical connection		·
type of electrical connection of modules and accessories screw-type terminals  type of connectable conductor cross-sections solid with core end processing solid without core end processing solid without core end processing sinely stranded with core end processing finely stranded with core end processing solid without core end processing solid with core end processing solid without core end processing solid with core end processin		
type of electrical connection	-	1
of modules and accessories     type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • solid without core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • finely stranded without core end processing         • for AWG cables         • for AWG cables         • solid without core end processing         • for AWG cables         • for AWG cables         • solid without core end processing         • for AWG cables         • solid without core end processing         • for AWG cables         • solid without core end processing         • solid with core end processing         • solid without core end processi	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 • for AWG cables  2x (1.0 1.5 mm²) • for AWG cables 2x (18 14)  tightening torque of the screws in the bracket 1 1.2 N·m  tightening torque with screw-type terminals  Lamp  type of light source LED color of the light source white light intensity 900 1 400 mcd  Ambient conditions  ambient temperature • during operation • during storage environmental category during operation according to IEC 60721  environmental category during operation according to IEC form plate mounting fastening method • of modules and accessories  environt plate mounting front plate mounting		screw-type terminals
solid with core end processing     solid without core end process		Screw-type terminal
• solid without core end processing     • finely stranded with core end processing     • finely stranded with core end processing     • finely stranded without core end processing     • finely stranded without core end processing     • finely stranded without core end processing     • for AWG cables     • for for plate mounting     • for for plate mounting     • for for plate mounting     • front plate mounting	type of connectable conductor cross-sections	
<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>for 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>0.80.9 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>9001 400 mcd</li> </ul> Ambient conditions <ul> <li>ambient temperature</li> <li>during operation</li> <li>during storage</li> <li>40+80 °C</li> </ul> environmental category during operation according to IEC 60721 <ul> <li>afortion permitted for all devices behind front panel)</li> </ul> installation/ mounting/ dimensions <ul> <li>front plate mounting</li> <li>Front plate mounting</li> <li>Front plate mounting</li> </ul> Front plate mounting	<ul> <li>solid with core end processing</li> </ul>	2x (0.5 0.75 mm²)
• finely stranded without core end processing     • for AWG cables     • finely stranded without core end processing     • for AWG cables     • finely stranded without core end processing     • for AWG cables     • finely stranded without core end processing     • for AWG cables     • finely stranded without core end processing     • for AWG cables     • for AWG cables     • finely stranded without core end processing     • for MWG cables     • for AWG cables     • for AWG cables     • for AWG cables     • for My But in the screw in the bracket     • for AWG cables     • for My But in the screw in the bracket     • for My But in the screw in	· · · · · ·	
• for AWG cables  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  • during operation • during storage  environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method • of modules and accessories  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  oluring operation oluring storage  environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method of modules and accessories  1 1.2 N·m  1	· · · · · · · · · · · · · · · · · · ·	
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  most allation/ mounting/ dimensions  fastening method  of modules and accessories  over the minimum and accessories  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)  front plate mounting  Front plate mounting		2v (18 14)
type of light source color of the light source white light intensity 900 1 400 mcd  Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 system of modules and accessories  LED white  -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)  Installation/ mounting/ dimensions  front plate mounting Front plate mounting		
type of light source  color of the light source  white  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  LED  white  900 1 400 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	tightening torque of the screws in the bracket	1 1.2 N·m
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  fastening method • of modules and accessories  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)  Front plate mounting  Front plate mounting	tightening torque of the screws in the bracket	1 1.2 N·m
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  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)  Front plate mounting  Front plate mounting	tightening torque of the screws in the bracket tightening torque with screw-type terminals	1 1.2 N·m 0.8 0.9 N·m
Ambient conditions  ambient temperature  • during operation • during storage • 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	tightening torque of the screws in the bracket tightening torque with screw-type terminals Lamp	1 1.2 N·m 0.8 0.9 N·m LED
ambient temperature	tightening torque of the screws in the bracket tightening torque with screw-type terminals  Lamp type of light source	1 1.2 N·m 0.8 0.9 N·m LED
<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>fastening method</li> <li>of modules and accessories</li> <li>-25 +70 °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>	tightening torque of the screws in the bracket tightening torque with screw-type terminals  Lamp type of light source color of the light source	1 1.2 N·m 0.8 0.9 N·m  LED white
<ul> <li>◆ during storage         <ul> <li>-40 +80 °C</li> </ul> </li> <li>environmental category during operation according to IEC 60721         <ul> <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> <li>Installation/ mounting/ dimensions         <ul> <li>fastening method</li> <li>of modules and accessories</li> <li>Front plate mounting</li> </ul> </li> </ul>	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	1 1.2 N·m 0.8 0.9 N·m  LED white
environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method  • of modules and accessories  omega 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)  front plate mounting  Front plate mounting	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	1 1.2 N·m 0.8 0.9 N·m  LED white
60721 operation permitted for all devices behind front panel)  Installation/ mounting/ dimensions  fastening method front plate mounting  • of modules and accessories Front plate mounting	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	1 1.2 N·m 0.8 0.9 N·m  LED white 900 1 400 mcd
Installation/ mounting/ dimensions  fastening method front plate mounting  • of modules and accessories Front plate mounting	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 • during operation	1 1.2 N·m 0.8 0.9 N·m  LED white 900 1 400 mcd
fastening method       front plate mounting         ● of modules and accessories       Front plate mounting	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	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
of modules and accessories     Front plate mounting	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	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
	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	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 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	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 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	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)  front plate mounting Front plate mounting
width 30 mm	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	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)  front plate mounting  Front plate mounting  Front plate mounting  40 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
Certificates/ approvals	
Further information	

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

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1132-0AB60-1FA0-Z Y12

Cax online generator

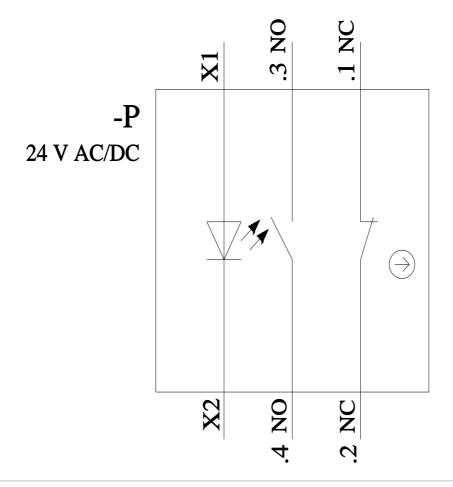
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1132-0AB60-1FA0-Z Y12

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1132-0AB60-1FA0-Z Y12

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1132-0AB60-1FA0-Z Y12&lang=en



last modified: 1/26/2022 🖸

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