## **SIEMENS**

## **Data sheet**



Illuminated pushbutton, 22 mm, round, plastic with metal front ring, yellow, pushbutton, flat, momentary contact type, with holder, 1 NO+1 NC, LED module with integrated LED 230 V AC, screw terminal, Z=20-unit packaging

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	3SU1401-1BF30-1AA0
<ul> <li>of the supplied holder</li> </ul>	3SU1550-0AA10-0AA0
of the supplied actuator	3SU1031-0AB30-0AA0
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	yellow
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	38 mm
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	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)
of the terminal	IP20, clamping screw tightened
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13

shock resistance  a coording to IEC 60068-2-27  bro rativaly applications according to EN 61373  vibration resistance  a coording to IEC 60068-2-6  bro rativaly applications according to EN 61373  operating frequency maximum  mechanical service III (willching cycles) typical  decirring frequency maximum  mechanical service III (willching cycles) typical  decirring frequency maximum  mechanical service III (willching cycles) typical  decirring frequency maximum  mechanical service III (willching cycles) typical  decirring frequency maximum  mechanical service III (willching cycles) typical  decirring frequency maximum  mechanical service III (willching cycles) typical  do 000 000  thermal current  10 A  continuous current of the Quich DAIZED fisse III A  continuous current of the Quich DAIZED fisse III A  continuous current of the Quich DAIZED fisse III A  continuous current of the Quich DAIZED fisse III A  continuous current of the Quich DAIZED fisse III A  continuous current of the DIAZED fisse III A  continuous current of the DAIZED fisse III A  continuous current of the DIAZED fisse III A  continuous current of the DIAZED fisse III A  continuous current of the DIAZED fisse III A  continuous current of the Quich DAIZED fisse III A  continuous current of the DIAZED fisse III A  continuous		
* for railway applications according to EN 61373		
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* excording to IEC 60088.26     * for railway applications according to EN 61373     Operating frequency maximum     mechanical service life (switching cycles) typical     decircical endurance (switching cycles) typical     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 DIAZED fuse link continuous current of the pub. DIAZED fuse link continuous current of the pub. DIAZED fuse link g     Substance Prohibitance (Date)     operating voltage     * et AC		Category 1, Class B
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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 characteristic MCB continuous current of the C blazED fuse link continuous current of the DIAZED fuse link go Substance Prohibitance (Dato) operating voltage • at AC  — at 50 Hz rated value — at 60 Hz rated value • at 00 Hz rated value • at 00 Hz rated value • at 60 Hz rated valu		3 600 1/h
thermal current reference code according to IEC 81346-2 S continuous current of the C characteristic MCB Continuous current of the Quick DIAZED fuse link yill continuous current of the Quick DIAZED fuse link yill 10 A Substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value — at 60 Hz rated value — 5 500 V 5 500 V 7 500 V 8 500 V 8 500 V 9 500 V	mechanical service life (switching cycles) typical	3 000 000
reference code according to IEC 81346-2  continuous current of the C characteristic MCB  continuous current of the Quick DIAZED fuse link continuous current of the pulce (DIAZED fuse link of the DIAZED fuse link of the DIA	electrical endurance (switching cycles) typical	10 000 000
continuous current of the C characteristic MCB continuous current of the quick DIAZED fuse link g continuous current of the quick DIAZED fuse link g Substance Prohibitance (Date) operating voltage  - at 50 Hz rated value - at 60	thermal current	
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continuous current of the DIAZED fuse link gG  Substance Prohibitance (Dato)  operating voltage  • at AC  — at 50 Hz rated value — at 60 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  Nype of voltage of the light source at AC • at 50 Hz rated value — 230 V — at 60 Hz rated value — 230 V  control circuit/ Control  Inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts  number of NC contacts for auxiliary contacts 1  connections/ Terminals  type of electrical connection • of modules and accessories  solid with core end processing • at AWG cables • at AWG cables  tightening torque with screw-type terminals  Lamp  Lamp  Lamp  Lamp  Lamp  Lamp Lamp  Lamp Lamp  Lamp Lamp Lamp  Lamp Lamp Lamp Lamp Lamp Lamp Lamp Lamp	continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
Substance Prohibitance (Date)  operating voltage  • at AC  — at 50 Hz rated value  • at DC rated value  • at DC rated value  • at Cor rated value  • at Cortact reliability  One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Supply voltage  (The cortact of the supply voltage of the light source  supply voltage of the light source at AC  • at 50 Hz rated value  • at 00 Hz rated value  • at	continuous current of the quick DIAZED fuse link	10 A
operating voltage	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  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 60 Hz rated value 230 V  at 50 Hz rated value 230 V  Control circulit/ Control Inrush current of LED module maximum 3 A  Auxiliary circuit  design of the contact of auxiliary contacts 1 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 without core end processing • solid without core end processing • at AWG cables  tightening torque of the screws in the bracket 1 split in a screw-type terminals  type of light source 2 x (1.0 1.5 mm²) • at AWG cables  tightening torque of the screws in the bracket 1 split intensity  Ambient conditions  ambient conditions  ambient conditions  ambient conducts and accessories  for the light source 2 color of the light source 2 during storage  environmental category during operation according to IEC 272 intended with core one of processing 4 during storage  environmental category during operation according to IEC 3 MB, 382, 382, 382, 386 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Installation' mounting/ dimensions  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 60 Hz rated value 5 500 V  Power Electronics  contact reliability Check Electronics  Contact reliability Check Electronics  Supply voltage  Type of voltage of the supply voltage of the light source at 60 Hz rated value 230 V  - at 60 Hz rated value 250 V  - at 60 Hz	• at AC	
at DC rated value	— at 50 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 50 Hz rated value at 60 Hz rated value 230 V at 60 Hz rated value 230 V  Control circuit/ Control  Inrush current of LED module maximum 3 A  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 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  Screw-type terminal  type of connectable conductor cross-sections olid without core end processing finely stranded with core end processing at AWG cables tightening torque of the screws in the bracket tightening torque of the screws in the bracket lightening torque with screw-type terminals  Lamp  type of light source light intensity  ypo of light source during storage during storage environmental category during operation according to IEC 60721  Installation mounting/ dimensions fastening method of modules and accessories  AC  Supply voltage of the supply voltage of the light source at 60 Hz rated without core and processing at 60 Hz rated value 230 V  AC  Supply voltage 3 A  Auxiliary 3 A  Auxiliary 3 A  Auxiliary circuit 4 Control Control 3 Auxiliary circuit 4 Control Control 4 Control Control 5 Control Control 5 Control Control 6 Vive alloy 6 Control Control 7 C  4 Auxiliary circuit 6 Control Control 6 Vive alloy 7 C  4 Auxiliary circuit 7 C  4 Auxiliary circuit 8 C  AC  Supply voltage of the supply voltage of the light source 8 Cilcuit alloy 8 C  AC  Supply voltage of the supply voltage of the light source 9 C  4 Auxiliary circuit 8 C  AC  Supply voltage of the supply 9 C  AC  Supply derminals 9 C  AC  Su	— at 60 Hz rated value	5 500 V
contact reliability  Supply voitage type of voilage 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 230 V  Control circuit? Control Innush current of LED module maximum 3 A  Auxiliary circuit design of the contact of auxiliary contacts Inumber of NC contacts for auxiliary contacts Inumber of NC contacts for auxiliary contacts Inumber of NO contacts for auxi	<ul> <li>at DC rated value</li> </ul>	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 230 V  Control circuit/ Control  Inrush current of LED module maximum 3 A  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1  Connections/ Terminals  type of electrical connection a solid with core end processing 5 solid with core end processing 6 finely stranded with out core end processing 7 at AWG cables 1 at AWG cables 2 at AWG cables 2 at AWG cables 2 at AWG cables 2 at AWG cables 3 at AWG cables 4 a	Power Electronics	
Supply voltage         AC           supply voltage of the light source at AC         AC           at 50 Hz rated value         230 V           at 60 Hz rated value         230 V           Control circuit/ Control         Control circuit/ Control           Inrush current of LED module maximum         3 A           Auxiliary circuit         Silver alloy           design of the contact of auxiliary contacts         5 Intumber of NC contacts for auxiliary contacts         1           number of NC contacts for auxiliary contacts         1         1           connections/ Terminals         Screw-type terminals         2           type of electrical connection         screw-type terminal         3           of modules and accessories         Screw-type terminal         3           type of connectable conductor cross-sections         solid with core end processing         2x (0.5 0.75 mm²)         2x (0.5 0.75 mm²)           solid with core end processing         2x (0.5 0.75 mm²)         2x (0.5 1.5 mm²)         2x (1.0 1.5 mm²)           end type of ingly stranded with ore end processing         2x (1.0 1.5 mm²)         2x (1.0 1.5 mm²)         2x (1.0 1.5 mm²)           end type of ingly type of upon type terminals         2x (1.0 1.5 mm²)         2x (1.0 1.5 mm²)         2x (1.0 1.5 mm²)         2x (1.	contact reliability	
type of voltage of the supply voltage of the light source supply voltage of the light source at AC		million (5 V, 1 mA)
supply voltage of the light source at AC  • at 50 Hz rated value  230 V  Control circuit/ Control  inrush current of LED module maximum  Auxillary circuit  design of the contact for 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 • finely stranded without core end processing • at AWG cables • at AWG cables  ightening torque with screw-type terminals  Lamp  type of light source color of the light source end processin the bracket ightening torque with screw-type terminals  LED color of the light source  • during operation • of modules and accessories  730 V  230 V  240 V  250 V  250 V  260 V  270 V  280	Supply voltage	
• at 50 Hz rated value 230 V • at 60 Hz rated value 230 V  Control circuit/ Control  inrush current of LED module maximum 3.A  Auxiliary circuit  design of the contact of auxiliary contacts 5.  number of NC contacts for auxiliary contacts 1  Connections/ Terminals  type of electrical connection 5.  • of modules and accessories 5.  • solid with core end processing 2x (1.0 1.5 mm²)  • at AWG cables 5.  tightening torque of the screws in the bracket 1 1 1 1 1 1 1 1.	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  • at AWG cables  2x (10 1,5 mm²)  • at AWG cables  2x (13 14)  tightening torque of the screws in the bracket  tightening torque of the screw-type terminals  type of light source  color of the light source  light intensity  ambient temperature  • during operation  • during operation  • during storage  environmental category during operation according to IEC  60721  Installation/ mounting/ dimensions  fastening method  • of modules and accessories  3 A  3 A  3 A  3 A  3 A  3 A  3 A  3	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 • finely stranded with core end processing • finely stranded without core end processing • at AWG cables  * tightening torque of the screws in the bracket tightening torque with screw-type terminals  Lamp  type of connectable conductor cross-sections • solid with cure end processing • finely stranded without core end processing • 2x (0.5 0.75 mm²) • 2x (1.0 1.5 mm²) • 2x (1.0 1.5 mm²) • 2x (1.3 14)  * 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   LED   color of the light source   upilow     light intensity   900 1 400 mcd  Ambient conditions  ambient temperature • during operation • during operation • during storage   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  fastening method • of modules and accessories	<ul> <li>at 50 Hz rated value</li> </ul>	230 V
inrush current of LED module maximum  Auxillary circuit 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	<ul> <li>at 60 Hz rated value</li> </ul>	230 V
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  screw-type terminal  type of connectable conductor cross-sections • solid with core end processing • solid without core end processing • solid without core end processing • finely stranded without core end processing • finely stranded without core end processing • at AWG cables  tightening torque of the screws in the bracket 1 1.2 N·m  tightening torque with screw-type terminals  Lamp  type of light source color of the light source light intensity 900 1 400 mcd  Ambient conditions  ambient temperature • during operation • during poreation • during storage environmental category during operation according to IEC 60721  front plate mounting  front plate mounting Front plate mounting Front plate mounting Front plate mounting	Control circuit/ Control	
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 with core end processing • finely stranded without core end processing • at AWG cables  **tightening torque of the screws in the bracket 1 1.2 N·m  tightening torque with screw-type terminals  **type of light source color of the light source color of the light source  **without core end processing • finely stranded without core end processing • at AWG cables  2x (1.0 1.5 mm²) • 2x (1.3 1.5 mm²) • at AWG cables  1 1.2 N·m  1 1.3 N·m  1 1.4 N·m  1 1.4 N·m  1 1.4 N·m  1 1.4 N·m  1 1.5 N·m  2 1.5 mm²)  3 1.5 mm²)  4 1.2 N·m  1 1.3 N·m  1 1.3 N·m  1 1.4 N·m  1 1.5 N·m  1 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  screw-type terminals  type of connectable conductor cross-sections  olid with core end processing  finely stranded with core end processing  at AWG cables  at AWG cables  at AWG cables  tightening torque of the screws in the bracket  itghtening torque with screw-type terminals  ample  type of ilight source  color of the light source  ultiphtenity  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 (0.5 0.75 mm²)  2x (1.0 1.5 mm²)  2x (1.0 1.5 mm²)  2x (1.0 1.5 mm²)  2x (1.0 1.5 mm²)  2x (1.8 14)  1 1.2 N·m  1 1.3 N·m  2 1.4 N·m  2 1.5 mm²  2 1.5 m	Auxiliary circuit	
number of NO contacts for auxiliary contacts  type of electrical connection	design of the contact of auxiliary contacts	Silver alloy
type of electrical connection	number of NC contacts for auxiliary contacts	1
type of electrical connection	number of NO contacts for auxiliary contacts	1
of modules and accessories     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 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  fastening method • of modules and accessories   2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2	type of electrical connection	screw-type terminals
solid with core end processing     solid without core end processing     solid without core end processing     finely stranded with core end processing     solid without core end	<ul> <li>of modules and accessories</li> </ul>	Screw-type terminal
solid without core end processing     finely stranded with core end processing     finely stranded without core end processing     finely stranded without core end processing     at AWG cables     2x (1,0 1,5 mm²)     2x (1,0 1,5 mm²)     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     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  2x (1.0 1.5 mm²) 2x (0.5 1.5 mm	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>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 <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	<ul> <li>solid with core end processing</li> </ul>	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 (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 <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		·
<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>1 1.2 N·m</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> <li>fastening method</li> <li>of modules and accessories</li> </ul> Front plate mounting <ul> <li>front plate mounting</li> <li>Front plate mounting</li> </ul> Front plate mounting	·	
at AWG cables  2x (18 14)  tightening torque of the screws in the bracket  1 1.2 N·m  tightening torque with screw-type terminals  0.8 0.9 N·m  Lamp  type of light source  color of the light source  light intensity  900 1 400 mcd  Ambient conditions  ambient temperature  oluring operation oluring storage  environmental category during operation according to IEC  60721  assignmental discording to IEC  60721  assignmental front plate mounting		
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  900 1 400 mcd  Ambient conditions  ambient temperature  olduring operation olduring storage  environmental category during operation according to IEC 60721  condensation in operation permitted for all devices behind front panel)  Installation/ mounting/ dimensions  fastening method of modules and accessories  front plate mounting Front plate mounting Front plate mounting	,	
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  fastening method  of modules and accessories  overland temperature  -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 900 1 400 mcd  Ambient conditions ambient temperature		
type of light source color of the light source light intensity 900 1 400 mcd  Ambient conditions  ambient temperature	8 8 1 31	
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  yellow  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		LED
Section   Part		
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		
<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>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>Installation/ mounting/ dimensions         <ul> <li>fastening method</li> <li>of modules and accessories</li> <li>Front plate mounting</li> </ul> </li>		
<ul> <li>◆ during storage         <ul> <li>during storage</li> <li>environmental category during operation according to IEC 80721</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> <li>Installation/ mounting/ dimensions         <ul> <li>fastening method</li> <li>of modules and accessories</li> <li>Front plate mounting</li> </ul> </li> </ul>	-	-25 +70 °C
environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method  • of modules and accessories  onumber 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		
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	71.7 mm
Cartificates/ approvals	

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=3SU1136-0AB30-1FA0-Z X90

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1136-0AB30-1FA0-Z X90

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1136-0AB30-1FA0-Z X90

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1136-0AB30-1FA0-Z X90&lang=en

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