## SIEMENS

## Data sheet

## 3SU1103-0AB70-1BA0-Z Y15



Illuminated pushbutton, 22 mm, round, plastic, clear, pushbutton, flat, momentary contact type, with holder, 1NO, LED module with integrated LED 110 V AC, screw terminal, with laser labeling, upper case and lower case, Always upper case at the beginning of the word

product brand name         StrikUs AC1           product disignation         Illuminated pushbuttons           design of the product         Complete unit           product type designation         3SU1           product type designation         3SU1           product time         Plastic, black, 22 mm           manufacturer's article number         SU1400-1AA10-1BAQ           • of supplied LED module         SSU1401-1BC60-1AAQ           • of the supplied holder         SSU1401-1BC60-1AAQ           • of the supplied actuator         SSU1401-1BC60-1AAQ           • of the supplied actuator         SSU1401-1BC60-1AAQ           • of the supplied actuator         SSU14001-0AAQ           • of the supplied actuation         SSU14001-0AAQ           • of the supplied actuation glement         momentary contact type           principte of operation of the actuating element         momentary contact type           product extension optional light source         Yes           color of the actuating element         colar           material of the actuating element         coustomized labeling, text in lower case / capital letters, all words start with capital letters           number of contact modules         1           Front ing         Yes           design of the front ring         plastic <th></th> <th></th>		
design of the product       Complete unit         product type designation       3SU1         product time       Plastic, black, 22 mm         manufacturer's article number       3SU1400-1AA10-1BA0         • of supplied ECD module       3SU1550-0AA10-0AA0         • of the supplied actuator       3SU1010-0AB70-0AA0         • of the supplied actuator       3SU1001-0AB70-0AA0         • of the supplied actuator       3SU1001-0AB70-0AA0         • of the actuating element       Button, flat         principle of operation of the actuating element       momentary contact type         principle of operation of the actuating element       plastic         priduct extension optional light source       Yes         color of the actuating element       plastic         pastic       lastic         outer diameter of the actuating element       product         product component front ring       Yes         outer diameter of the actuating element       color of the actuating element         product component front ring       Yes         design of the front ring       Yes         design of the front ring       plastic         product component front ring       plastic         black       Holder         material of the holder       Plasti	product brand name	SIRIUS ACT
product type designation         3SU1           product line         Plastic, black, 22 mm           manufacturer's article number         supplied contact module at position 1           • of supplied contact module at position 1         3SU1400-1AA10-1BA0           • of supplied LED module         3SU1550-0AA10-0AA0           • of the supplied holder         3SU1550-0AA10-0AA0           • of the supplied toutator         3SU1001-0AB70-0AA0           number of command points         1           Actuator         design of the actuating element           principle of operation of the actuating element         momentary contact type           product extension optional light source         Yes           color of the actuating element         plastic           shape of the actuating element         plastic           shape of the actuating element         plastic           material of the actuating element         29.45 mm           marking of the actuating element         29.45 mm           marking of the front ring         Standard           material of the front ring         Standard           design of the front ring         plastic           color of the front ring         plastic           color of the front ring         plastic           color of the front ring		
product line         Plastic, black, 22 mm           manufacturer's article number         3SU1400-1AA10-1BA0           • of supplied contact module at position 1         3SU1400-1AA10-1BA0           • of supplied LED module         3SU1550-0AA10-0AA0           • of the supplied holder         3SU1550-0AA10-0AA0           • of the supplied actuator         3SU1550-0AA10-0AA0           • of the supplied actuator         3SU1001-0AB70-0AA0           • of the supplied actuator         3SU1001-0AB70-0AA0           mumber of command points         1           Actuator         Button, flat           principle of operation of the actuating element         momentary contact type           product extension optional light source         Yes           color of the actuating element         plastic           shape of the actuating element         round           outer diameter of the actuating element         2A5 mm           marking of the actuating element         2A5 mm           number of contact modules         1           Front ring         Yes           genation of the front ring         Standard           product component front ring         plastic           color of the front ring         black           Holder         Plastic           <		
manufacturer's article number       SSU1400-1AA10-1BA0         • of supplied contact module at position 1       SSU1401-1BC60-1AA0         • of the supplied holder       SSU1401-1BC60-1AA0         • of the supplied actuator       SSU1001-0AB70-0AA0         • of the supplied below       SSU1001-0AB70-0AA0         • of the supplied below       SSU1001-0AB70-0AA0         • of the supplied below       SSU1001-0AB70-0AA0         • of the actuating element       District the supplied below         • of the actuating element       Button, flat         product extension optional light source       Yes         color of the actuating element       clear         material of the actuating element       Tound         outer diameter of the actuating element       Ze45 mm         number of contact modules       1         Front ring       Yes         design of the front ring       Standard         material of the front ring       Istandard <td< th=""><th></th><th></th></td<>		
• of supplied contact module at position 1         3SU1400-1AA10-1BA0           • of supplied LED module         3SU1401-1BC60-1AA0           • of the supplied holder         3SU1001-0AB70-0AA0           • of the supplied actuator         3SU1001-0AB70-0AA0           number of command points         1           Actuator	· ·	Plastic, black, 22 mm
of supplied LED module     SSU1401-1BC60-1AAQ     SU1550-0AA10-0AA0     of the supplied actuator     SU1500-10AB70-0AA0     SU1001-0AB70-0AA0     SU10AA0     SU10AA0     SU10AA0     SU10AA0     SU10AA0     SU10AA0	manufacturer's article number	
of the supplied holder         3SU1550-0AA10-0AA0         3SU1001-0AB70-0AA0         asulo         of the supplied actuator         asulo         asulo	<ul> <li>of supplied contact module at position 1</li> </ul>	<u>3SU1400-1AA10-1BA0</u>
• of the supplied actuator       SSU1001-0AB70-0AAQ         number of command points       1         Actuator		<u>3SU1401-1BC60-1AA0</u>
number of command points       1         Actuator       Button, flat         principle of operation of the actuating element       momentary contact type         product extension optional light source       Yes         color of the actuating element       clear         material of the actuating element       plastic         shape of the actuating element       29.45 mm         outer diameter of the actuating element       29.45 mm         marking of the actuating element       Customized labeling, text in lower case / capital letters, all words start         number of contact modules       1         Front ring       Yes         product component front ring       Standard         material of the front ring       plastic         color of the front ring       black         Holder       Plastic         Display       1         number of LED modules       1         General technical data       9         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	<ul> <li>of the supplied holder</li> </ul>	<u>3SU1550-0AA10-0AA0</u>
Actuator       Button, flat         principle of operation of the actuating element       momentary contact type         product extension optional light source       Yes         color of the actuating element       clear         material of the actuating element       plastic         shape of the actuating element       colar         outer diameter of the actuating element       29.45 mm         marking of the actuating element       29.45 mm         marking of the actuating element       Customized labeling, text in lower case / capital letters, all words start with capital letters         number of contact modules       1         Front ring       Yes         design of the front ring       Standard         material of the holder       Plastic         color of the front ring       black         Holder       mumber of LED modules         mumber of LED modules       1         General technical data       Yes         product function positive opening       No         product omponent light source       Yes         insulation voltage rated value       320 V         degree of pollution       3         type of voltage of the operating voltage       AC/DC	<ul> <li>of the supplied actuator</li> </ul>	<u>3SU1001-0AB70-0AA0</u>
design of the actuating element     Button, flat       principle of operation of the actuating element     momentary contact type       prduct extension optional light source     Yes       color of the actuating element     clear       material of the actuating element     plastic       shape of the actuating element     cound       outer diameter of the actuating element     29.45 mm       marking of the actuating element     Customized labeling, text in lower case / capital letters, all words start       number of contact modules     1       Front ring     Yes       gesign of the front ring     Standard       material of the holder     plastic       color of the front ring     black       Holder     material of the holder       Display     1       mumber of LED modules     1       General technical data     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	number of command points	1
principle of operation of the actuating element         momentary contact type           product extension optional light source         Yes           color of the actuating element         clear           material of the actuating element         plastic           shape of the actuating element         round           outer diameter of the actuating element         29.45 mm           marking of the actuating element         Customized labeling, text in lower case / capital letters, all words start           number of contact modules         1           Front ring         Yes           gesign of the front ring         Standard           material of the holder         Plastic           color of the front ring         black           Holder         Plastic           material of the holder         Plastic           Display         1           General technical data         1           product function positive opening         No           product omponent light source         Yes           insulation voltage rated value         320 V           degree of pollution         3           type of voltage of the operating voltage         AC/DC	Actuator	
product extension optional light source       Yes         color of the actuating element       clear         material of the actuating element       plastic         shape of the actuating element       cound         outer diameter of the actuating element       29.45 mm         marking of the actuating element       Customized labeling, text in lower case / capital letters, all words start         mumber of contact modules       1         Front ring       Yes         gdesign of the front ring       Standard         material of the front ring       plastic         color of the front ring       black         Holder       Plastic         material of the holder       Plastic         Display       1         number of LED modules       1         General technical data       Yes         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	design of the actuating element	Button, flat
color of the actuating element       clear         material of the actuating element       plastic         shape of the actuating element       round         outer diameter of the actuating element       29.45 mm         marking of the actuating element       Customized labeling, text in lower case / capital letters, all words start         marking of the actuating element       Customized labeling, text in lower case / capital letters, all words start         mumber of contact modules       1         Front ring       Yes         gesign of the front ring       Standard         material of the front ring       plastic         color of the front ring       black         Holder       material of the holder         material of the holder       Plastic         Display       1         number of LED modules       1         general technical data       Yes         product function positive opening       No         product component light source       Yes         insulation voltage rated value       320 V         degree of pollution       3         surge voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV	principle of operation of the actuating element	momentary contact type
material of the actuating element         plastic           shape of the actuating element         round           outer diameter of the actuating element         29.45 mm           marking of the actuating element         Customized labeling, text in lower case / capital letters, all words start with capital letters           number of contact modules         1           Front ring         Yes           design of the front ring         Standard           material of the front ring         plastic           color of the front ring         black           Holder         Plastic           material of the holder         Plastic           Display         1           General technical data         1           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	product extension optional light source	Yes
shape of the actuating element       round         outer diameter of the actuating element       29.45 mm         marking of the actuating element       Customized labeling, text in lower case / capital letters, all words start with capital letters         number of contact modules       1         Front ring       Yes         design of the front ring       Standard         material of the front ring       plastic         color of the front ring       black         Holder       Plastic         material of the holder       Plastic         Display       1         general technical data       1         product component light source       Yes         degree of pollution       3         toype of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV	color of the actuating element	clear
outer diameter of the actuating element         29.45 mm           marking of the actuating element         Customized labeling, text in lower case / capital letters, all words start with capital letters           number of contact modules         1           Front ring         Yes           product component front ring         Standard           material of the front ring         plastic           color of the front ring         black           Holder         material of the holder           material of the holder         Plastic           Display         1           number of LED modules         1           general technical data         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	material of the actuating element	plastic
marking of the actuating element         Customized labeling, text in lower case / capital letters, all words start with capital letters           number of contact modules         1           Front ring         Yes           design of the front ring         Standard           material of the front ring         plastic           color of the front ring         black           Holder         Plastic           material of the holder         Plastic           Display         1           General technical data         1           product function positive opening         No           product function positive opening         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	shape of the actuating element	round
with capital letters         number of contact modules         front ring         product component front ring         design of the front ring         material of the front ring         plastic         color of the front ring         black         Holder         material of the holder         Plastic         Display         number of LED modules         product function positive opening         No         product component light source         insulation voltage rated value         320 V         degree of pollution         3         type of voltage of the operating voltage         AC/DC         surge voltage resistance rated value	outer diameter of the actuating element	29.45 mm
Front ring       Yes         gesign of the front ring       Standard         material of the front ring       plastic         color of the front ring       black         Holder       Plastic         material of the holder       Plastic         Display       1         General technical data       1         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	marking of the actuating element	
product component front ringYesdesign of the front ringStandardmaterial of the front ringplasticcolor of the front ringblackHolderPlasticmaterial of the holderPlasticDisplaynumber of LED modulesnumber of LED modules1General technical dataproduct function positive openingNoproduct component light sourceYesinsulation voltage rated value320 Vdegree of pollution3type of voltage of the operating voltageAC/DCsurge voltage resistance rated value4 kV	number of contact modules	1
design of the front ringStandardmaterial of the front ringplasticcolor of the front ringblackHolderPlasticmaterial of the holderPlasticDisplayInumber of LED modules1General technical dataYesproduct function positive openingNoproduct component light sourceYesinsulation voltage rated value320 Vdegree of pollution3type of voltage of the operating voltageAC/DCsurge voltage resistance rated value4 kV	Front ring	
material of the front ringplasticcolor of the front ringblackHolderPlasticmaterial of the holderPlasticDisplayInumber of LED modules1General technical dataVoproduct function positive openingNoproduct component light sourceYesinsulation voltage rated value320 Vdegree of pollution3type of voltage of the operating voltageAC/DCsurge voltage resistance rated value4 kV	product component front ring	Yes
color of the front ringblackHolderPlasticmaterial of the holderPlasticDisplaynumber of LED modules1General technical dataNoproduct function positive openingNoproduct component light sourceYesinsulation voltage rated value320 Vdegree of pollution3type of voltage of the operating voltageAC/DCsurge voltage resistance rated value4 kV	design of the front ring	Standard
Holder       Plastic         Display       1         number of LED modules       1         General technical data       1         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	material of the front ring	plastic
material of the holder       Plastic         Display       1         number of LED modules       1         General technical data       1         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	color of the front ring	black
Display       1         number of LED modules       1         General technical data       Yes         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	Holder	
number of LED modules       1         General technical data	material of the holder	Plastic
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	Display	
product function positive openingNoproduct component light sourceYesinsulation voltage rated value320 Vdegree of pollution3type of voltage of the operating voltageAC/DCsurge voltage resistance rated value4 kV	number of LED modules	1
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	General technical data	
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	product function positive opening	No
degree of pollution     3       type of voltage of the operating voltage     AC/DC       surge voltage resistance rated value     4 kV	product component light source	Yes
type of voltage of the operating voltage     AC/DC       surge voltage resistance rated value     4 kV	insulation voltage rated value	320 V
type of voltage of the operating voltage     AC/DC       surge voltage resistance rated value     4 kV	degree of pollution	3
surge voltage resistance rated value 4 kV		AC/DC
		4 kV
	protection class IP	IP66, IP67, IP69(IP69K)

of the terminal	IP20
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	
<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
vibration resistance	
<ul> <li>according to IEC 60068-2-6</li> </ul>	10 500 Hz: 5g
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
operating frequency maximum	3 600 1/h
mechanical service life (switching cycles) typical	3 000 000
electrical endurance (switching cycles) typical	10 000 000
thermal current	10 A
reference code according to IEC 81346-2	S
continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
continuous current of the quick DIAZED fuse link	10 A
continuous current of the DIAZED fuse link gG	10 A
Substance Prohibitance (Date)	10/01/2014
operating voltage	
• at AC	
- at 50 Hz rated value	5 500 V
— at 50 Hz rated value	5 500 V
at 60 Hz fated value     at DC rated value	5 500 V 5 500 V
	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	AC
supply voltage of the light source at AC	
• at 50 Hz rated value	110 V
• at 60 Hz rated value	110 V
Control circuit/ Control	
	3 A
inrush current of LED module maximum	
Auxiliary circuit	
Auxiliary circuit design of the contact of auxiliary contacts	Silver alloy
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts	Silver alloy 0
Auxiliary circuit         design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts	Silver alloy
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts	Silver alloy 0
Auxiliary circuit         design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection	Silver alloy 0 1 screw-type terminals
Auxiliary circuit         design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories	Silver alloy 0 1
Auxiliary circuit         design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections	Silver alloy 0 1 screw-type terminals
Auxiliary circuit         design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories	Silver alloy 0 1 screw-type terminals
Auxiliary circuit         design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections	Silver alloy 0 1 screw-type terminals Screw-type terminal
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid with core end processing	Silver alloy 0 1 screw-type terminals Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> )
Auxiliary circuit         design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing	Silver alloy         O           0         1           screw-type terminals         Screw-type terminal           2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)
Auxiliary circuit         design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing	Silver alloy         0         1         screw-type terminals         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (0.5 1.5 mm²)
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid with core end processing • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing	Silver alloy         0         1         screw-type terminals         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (0.5 1.5 mm²)         2x (1,0 1,5 mm²)         2x (1,0 1,5 mm²)
Auxiliary circuit         design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • at AWG cables	Silver alloy         0         1         screw-type terminals         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (0.5 1.5 mm²)         2x (1,0 1,5 mm²)         2x (1,0 1,5 mm²)         2x (1,8 14)
Auxiliary circuit         design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • at AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals	Silver alloy         0         1         screw-type terminals         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (0.5 1.5 mm²)         2x (1,0 1,5 mm²)         2x (1,0 1,2 N·m
Auxiliary circuit         design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • at AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Lamp	Silver alloy         0         1         screw-type terminals         Screw-type terminal $2x (0.5 \dots 0.75 \text{ mm}^2)$ $2x (1.0 \dots 1.5 \text{ mm}^2)$ $2x (0.5 \dots 1.5 \text{ mm}^2)$ $2x (1,0 \dots 1.5 \text{ mm}^2)$ $2x (1,0 \dots 1,5 \text{ mm}^2)$ $2x (1.0 \dots 1.5 \text{ mm}^2)$ $2x (1.0 \dots 0.5 \text{ mm}^2)$ $0.8 \dots 0.9 \text{ N·m}$
Auxiliary circuit         design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • 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 light source	Silver alloy         0         1         screw-type terminals         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (0.5 1.5 mm²)         2x (1,0 1,5 mm²)         2x (1,0 1,5 mm²)         2x (1,8 14)         1 1.2 N·m         0.8 0.9 N·m
Auxiliary circuit         design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • at AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Lamp         type of light source         color of the light source	Silver alloy         0         1         screw-type terminals         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (0.5 1.5 mm²)         2x (1,0 1,5 mm²)         2x (1,0 1,5 mm²)         2x (18 14)         1 1.2 N·m         0.8 0.9 N·m
Auxiliary circuit         design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • 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 light source         color of the light source         light intensity	Silver alloy         0         1         screw-type terminals         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (0.5 1.5 mm²)         2x (1,0 1,5 mm²)         2x (1,0 1,5 mm²)         2x (1,8 14)         1 1.2 N·m         0.8 0.9 N·m
Auxiliary circuit         design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • 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 light source         color of the light source         light intensity         Ambient conditions	Silver alloy         0         1         screw-type terminals         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (0.5 1.5 mm²)         2x (1,0 1,5 mm²)         2x (1,0 1,5 mm²)         2x (18 14)         1 1.2 N·m         0.8 0.9 N·m
Auxiliary circuit         design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • 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 light source         color of the light source         light intensity         Ambient conditions         ambient temperature	Silver alloy         0         1         screw-type terminals         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (0.5 1.5 mm²)         2x (1,0 1,5 mm²)         2x (1,0 1,4)         1 1.2 N·m         0.8 0.9 N·m         LED         white         900 1 400 mcd
Auxiliary circuit         design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid with core end processing         • finely stranded with 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         tightening torque with screw-type terminals         Lamp         type of light source         color of the light source         light intensity         Ambient conditions         ambient temperature         • during operation	Silver alloy 0 1 screw-type terminals Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (1,0 1,5 mm <sup>2</sup> ) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m LED white 900 1 400 mcd
Auxiliary circuit         design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • 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 light source         color of the light source         light intensity         Ambient conditions         ambient temperature         • during operation         • during storage	Silver alloy 0 1 screw-type terminals Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (1.0 1.
Auxiliary circuit         design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid with core end processing         • finely stranded with 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         tightening torque with screw-type terminals         Lamp         type of light source         color of the light source         light intensity         Ambient conditions         ambient temperature         • during operation	Silver alloy 0 1 screw-type terminals Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (1,0 1,5 mm <sup>2</sup> ) 2x (1,0 1,7 mm <sup>2</sup> ) 2x (1,0 1,7 m <sup>2</sup> ) 2x (1,0
Auxiliary circuit         design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • 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 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	Silver alloy 0 1 screw-type terminals Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (1.0 1.
Auxiliary circuit         design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid with core end processing         • finely stranded with core end processing         • finely stranded with core end processing         • at AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Lamp         type of light source         color of the light source         light intensity         Ambient conditions         ambient temperature         • during operation         • during storage         environmental category during operation according to IEC	Silver alloy 0 1 screw-type terminals Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (1.0 1.

<ul> <li>of modules and accessories</li> </ul>	Front plate mounting
height	40 mm
width	30 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	11 mm
installation width	29.5 mm
installation depth	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=3SU1103-0AB70-1BA0-Z Y15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1103-0AB70-1BA0-Z Y15

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1103-0AB70-1BA0-Z Y15

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1103-0AB70-1BA0-Z Y15&lang=en

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