## SIEMENS

## Data sheet

## 3SU1103-0AB40-3BA0-Z Y19



Illuminated pushbutton, 22 mm, round, plastic, green, pushbutton, flat, momentary contact type, with holder, 1NO, LED module with integrated LED 110 V AC, spring-type terminal, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

product brand name	SIRIUS ACT	
product designation	Illuminated pushbuttons	
design of the product	Complete unit	
product type designation	3SU1	
product line	Plastic, black, 22 mm	
manufacturer's article number		
<ul> <li>of supplied contact module at position 1</li> </ul>	<u>3SU1400-1AA10-3BA0</u>	
of supplied LED module	<u>3SU1401-1BC40-3AA0</u>	
<ul> <li>of the supplied holder</li> </ul>	<u>3SU1550-0AA10-0AA0</u>	
<ul> <li>of the supplied actuator</li> </ul>	<u>3SU1001-0AB40-0AA0</u>	
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	green	
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	Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)	
number of contact modules	1	
Front ring		
product component front ring	Yes	
design of the front ring	Standard	
material of the front ring	plastic	
color of the front ring	black	
Holder		
material of the holder	Plastic	
Display		
number of LED modules	1	
General technical data		
product function positive opening	No	
product component light source	Yes	
insulation voltage rated value	320 V	
degree of pollution	3	
type of voltage of the operating voltage	AC/DC	
surge voltage resistance rated value	4 kV	
protection class IP	IP66, IP67, IP69(IP69K)	

• Up to terminal     PPU       • Geore of protection NEMA rating     1, 2, 3, 8, 4, 4X, 12, 13       since freeistance     sinusoidal half-wave 15g / 11 ms       • ic or alway applications according to EN 61373     Category 1, Class B       • Uration versions according to EN 61373     Category 1, Class B       • or alway applications according to EN 61373     Category 1, Class B       • or alway applications according to EN 61373     Category 1, Class B       • or alway applications according to EN 61373     Category 1, Class B       • or alway applications according to EN 61373     Category 1, Class B       • or alway applications according to EN 61373     Category 1, Class B       • or alway applications according to EN 61374     10 A       • defence code according to IEC 61346-2     S       continuous current of the QLADED fuse link gG     10 A       • subtaince Prohibitance (Davi)     100/12014       • or al 60 H- rand value     5 500 V       • ei AC	• of the terminal	IP20
shock resistancesinuscidal half-wave 15g / 11 ms• is craikery applications according to EN 61373Category 1, Class B• is craikery applications according to EN 6137310500 Hz: 5g• is craikery applications according to EN 613733000 100• according to EC 6008-2:410500 Hz: 5g• is craikery applications according to EN 613733000 100• according to EC 6018-2:410.000 000• is craikery applications according to EC 81342-2S• control EXE Control EXE (State 1000)10.000 000• is according to EC 81342-2S• actording according to EC 81342-2S• according to EC 81342-2S		
is coroning to IEC 60069-2.7     is invasidal haf wave 15g / 11 ms     category 1. Class B     category 1. Class C     ca		I, Z, J, JR, 4, 4A, IZ, IJ
		cipusoidal half wayo 15a / 11 ma
without nesistance         is according to ICE 6008-2-8.         10500 Hz: 5g           is for railway applications according to EN 61373         Category 1, Class B           operating frequency maximum         3 000 0h           mechanical services life (witching cycles) typical         10 000 000           iterration according to EN 613474         3 000 0h           electrical endurance (witching cycles) typical         10 000 000           thermal current         10 A           reference code according to IEC 61346-2         S           continuous current of the Quick DIAZED fuse link         10 A           Substance Prohibitance (Date)         1001/2014           operating voltage         5 500 V           - at 60 Hz rated value         5 500 V           - at 10 Hz rated value         5 500 V           - at 10 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           supply voltage of t	0	-
• economy to IDC 60098-2.8     • tor nalway applications according to EN 61373     Category 1, Class B     Operating frequency maximu     3 600 1/h     mechanical service life (witching cycles) typical     10 00 000     decircial endurations (ewitching cycles) typical     10 00 000     decircial endurations (ewitching cycles) typical     10 00 000     decircial endurations (ewitching cycles) typical     10 0.0 000     decircial endurations (ewitching cycles) typical     10 0.0 000     decircial enduration (ewitching cycles) typical     10 0.1 0.1     Continuous current of the C baracteristic MCB     10 A     continuous current of the C bAZED fuse link     continuous current of the DAZED fuse link g     10 A     continuous current of the DAZED fuse link g     10 A     continuous current of the DAZED fuse link g     10 D/ 1001/2014     continuous current of the DAZED fuse link g     10 D/ 1001/2014     continuous current of the DAZED fuse link g     i al AC         - at 60 Hz rated value         5 500 V         - at 60 Hz ra		Calegory T, Class B
• or raisen/g applectores according to EN 61373         Category 1, Class B           operating frequency maximum         3 600 1/n           methanical service life (switching cycles) typical         10 000 000           electrical endurance (switching cycles) typical         10 000 000           reference code according to EC 81348-2         S           continuous current of the Characteristic MCB         10 A for a short-circuit current smaller than 400 A           continuous current of the Characteristic MCB         10 A           operating voltage         -           - at 50 hz rated value         5 500 V           - at 60 hz rated value         5 500 V           - at 60 hz rated value         5 500 V           contact foliability         One maloperation per 100 million (17 V. 5 mA), one maloperation per 10           Supply voltage of the light source at AC         -           site 0 hz rated value         10 V           - at 60 hz rated value         3 A           Auxillary circuit         0           design of the contact of auxillary contacts         1           Contact foliability		
operating frequency maximum         3 800 1/h           mechanical service life (switching cycles) typical         10 000 000           decinical number (switching cycles) typical         10 000 000           thermal current         10 A           reference code according to IEC 81345-2         S           continuous current of the quick DIAZED fuse link (G         10 A           substance Prohibitance (Date)         1001/2014           operating voltage         -           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         10 500 V           contact reliability         One maloperation per 100 million (17 V, 5 mA), one maloperation per 100 million (5 V, 1 mA)           Supply voltage of the supply voltage of the light source at AC         500 V           - at 60 Hz rated value         100 V           control IED module m	0	-
mechanical service life (witching cycles) typical         3 000 000           electrical endurance (witching cycles) typical         10 0A           reference code according to IEC 81346-2         S           continuous current of the Quick DIAZED fuse link         10 A           continuous current of the Quick DIAZED fuse link         10 A           continuous current of the Quick DIAZED fuse link         10 A           continuous current of the Quick DIAZED fuse link         10 A           e al AC         -           e al AD F rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           contact reliability         One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)           Supply voltage         110 V           contact reliability         One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)           Supply voltage         110 V           e at 60 Hz rated value         110 V           contact of auxiliary contacts         Silver alloy           e at 60 Hz rated value         110 V           contact of auxiliary contacts         Silver alloy           number of NC contacts for auxiliary contacts         1           contact of auxiliary co		
electrical endurance (switching cycles) typical thermal current reference code according to IEC 81345-2 S continuous current of the Characteristic MCB 10 A, for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link gG 10 A substance Prohibitance (Date) - at 60 Hz rated value - at 70 Hz Field - at 70 Hz F		
thermal current     10 A       reference code according to IEC 31346-2     S       continuous current of the Qick DIAZED fuse link     10 A       continuous current of the Qick DIAZED fuse link     10 A       continuous current of the Qick DIAZED fuse link     10 A       continuous current of the Qick DIAZED fuse link     10 A       continuous current of the Qick DIAZED fuse link     10 A       contact reliability     1001/2014       operating voltage     5 500 V       - at 60 Hz rated value     5 500 V       - at 60 Hz rated value     5 500 V       contact reliability     One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)       Supply voltage of the supply voltage of the light source at AC     110 V       et 60 Hz rated value     110 V       et 0 Hz rated value     Sk		
reference code according to IEC 81346-2     S       continuous current of the gick DIAZED fues link     10 A       continuous current of the gick DIAZED fues link     10 A       continuous current of the gick DIAZED fues link     10 A       continuous current of the gick DIAZED fues link     10 A       operating voltage     10 A       • at 50 Hz rated value     5 500 V       - at 60 Hz rated value     5 500 V       • at 00 Hz rated value     5 500 V       • at 00 Hz rated value     5 500 V       • at 00 Hz rated value     5 500 V       • at 00 Hz rated value     5 500 V       Power Electronics     5 500 V       contage of the supply voltage of the light source     AC       supply voltage of the supply voltage of the light source at AC     110 V       • at 60 Hz rated value     10 V       • at 60 Hz rated value     10 V       • of 0 Hz rated value     10 V       • of 0 Contacts for auxiliary contacts     10 V       •		
continuous current of the C characteristic MCB         10 A; for a short-circuit current smaller than 400 A           continuous current of the light OLAZED fuse link         10 A           Substance Prohibitance (Date)         10/01/2014           operating voltage         10 A           - at 50 Hz rated value         5500 V           - at 06 Hz rated value         5500 V           - at 06 Hz rated value         5500 V           - at 05 Hz rated value         110 V           - at 05 Hz rated value         10 V           - at		
continuous current of the quick DIAZED fuse link gG     10 A       continuous current of the DIAZED fuse link gG     10 A       Substance Prohibitance (Date)     100/12014       operating voltage     100/12014       - at 60 Hz rated value     5 500 V       - at 60 Hz rated value     5 500 V       - at 60 Hz rated value     5 500 V       - at 60 Hz rated value     5 500 V       - at 60 Hz rated value     5 500 V       - at 60 Hz rated value     5 500 V       - at 60 Hz rated value     5 500 V       - at 60 Hz rated value     5 500 V       Supply voltage     For analoperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)       Supply voltage of the light source at AC     AC       - at 50 Hz rated value     110 V       - at 50 Hz rated value     110 V       - at 50 Hz rated value     110 V       - at 60 Hz rated value     110 V       - of the contact of auxiliary contacts     0       - number of NC contacts for auxiliary contacts     0       - number of NC contacts for auxiliary contacts     1       Connections/ Terminals     5/(0 25 15 mm²)       - yold contrical conductor cross sections     \$/(0 25 15 mm²)       - sold without core end processing     2x (0 25 15 mm²)       - sold without core end proces		
continuous current of the DIAZED fuse link gG         10 A           Substance Prohibitance (Date)         1001/2014           operating voltage         1001/2014           • at AC         5500 V           - at 60 Hz rated value         5500 V           • at DC rated value         5500 V           • at DC rated value         5500 V           • out DC rated value         6500 V           • out DC rated value         7500 V           • out AC contacts         7500 V           • at 60 Hz rated value         110 V           • at 60 Hz rated value         110 V           • at 60 Hz rated value         110 V           • outs out Contact 5 for auxillary contacts         0           number of NC contacts for auxillary contacts         0           outmor of NC contacts for auxillary contacts         1           Connections/ Terminals         \$pring-loaded terminals           type of alcetrical connection         \$pring-loaded terminals		
Substance Prohibitance (Date)       10/01/2014         operating voltage       1         • at AC	•	
operating voltage <ul> <li>et AC</li> <li>at AC</li> <li>at SO Hz rated value</li> <li>bt DC rated value</li> <li>cont at DC rated value</li> <li>cont at DC rated value</li> </ul> et DC rated value <ul> <li>sol V</li> <li>at DC rated value</li> <li>cont at DC rated value</li> <li>cont at DC rated value</li> </ul> contact reliability       One maloperation per 100 million (17 V, 5 mA), one maloperation per 100 million (10 V (10 million (17 V) (10 million (17 V) (10 millio		
• at AC         - at 50 Hz rated value         5 500 V           • at DC rated value         5 500 V           • at DC rated value         5 500 V           • at DC rated value         5 500 V           Power Electronics         Contact reliability           Contact reliability         One maloperation per 100 million (17 V, 5 mA), one maloperation per 100 mollion (10 V Contacts for auxiliary contacts		10/01/2014
		5 500)/
• at DC rated value       5 500 V         Power Electronics       Cone maloperation per 100 million (17 V, 5 mA), one maloperation (5 V, 1 mA)         Supply voltage of the light source at AC       AA         • at 0AV contacts for auxiliary contacts       0         • of modules and accessories       \$pring-loaded terminals         • of modules and accessories       \$pring-loaded terminals         • of modules and accessories       \$pring-loaded terminals         • of module and accessories       \$pring-loaded terminals         • for posteriation devices bencessing       \$x (0 25 0, 75 mm <sup>3</sup> )         • fi		
Power Electronics           contact reliability         One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)           Supply voltage of the supply voltage of the light source a st 05 Hz rated value         AC           • at 60 Hz rated value         110 V           • of modules and accessories         Silver alloy           number of NC contacts for auxiliary contacts         0           number of NC contacts for auxiliary contacts         1           connectable conductor cross-sections         solid without core end processing           • solid without core end processing         2x (0.25 1.5 mm <sup>2</sup> )           • finely stranded with core end processing         2x (0.25 1.5 mm <sup>2</sup> )           • at AWG cables         1 1.2 N'm           tightening torque of the screws in the bracket         1 1.2 N'm           ta		
contact reliability         One matoperation per 100 million (17 V, 5 mA), one matoperation per 10 million (5 V, 1 mA)           Supply voltage         Item (100 million (17 V, 5 mA), one matoperation per 10 million (5 V, 1 mA)           Supply voltage of the light source at AC         AC           • at 50 Hz rated value         110 V           • at 60 Hz rated value         110 V           • at 60 Hz rated value         110 V           Control circuit/ Control         Inrush current of LED module maximum           Axuiliary circuit         3 A           design of the contact of auxiliary contacts         0           number of NC contacts for auxiliary contacts         0           number of NC contacts for auxiliary contacts         1           Connections/ Terminals         spring-loaded terminals           type of electrical connection         spring-loaded terminals           • of modules and accessories         Spring-type terminal           type of connectable conductor cross-sections         • solid without core end processing           • finely stranded with core end processing         2x (0.25 1.5 mm <sup>3</sup> )           • finely stranded without core end processing         2x (0.25 1.5 mm <sup>3</sup> )           • of light source         green           color of the screws in the bracket         1 1 2 N m           Lamp		5 500 V
Supply voltage         million (5 V, 1 mA)           Supply voltage of the supply voltage of the light source         AC           supply voltage of the light source at AC         it 50 Hz rated value           • at 50 Hz rated value         110 V           Control circuit/ Control         110 V           Control circuit/ Control         3 A           Auxiliary circuit         3 A           design of the contact of auxiliary contacts         0           number of NC contacts for auxiliary contacts         0           number of NC contacts for auxiliary contacts         0           of modules and accessories         Spring-loaded terminals           solid without core end processing         2x (0.25 1.5 mm <sup>2</sup> )           infiely stranded with core end processing         2x (0.25 1.5 mm <sup>2</sup> )           infiely tartade without core end processing         2x (0.25 1.5 mm <sup>2</sup> )           infiely tartade without core end processing         2x (0.25 1.5 mm <sup>2</sup> )           ot AWG cables         1 12 N <sup>m</sup> Lamp		
Supply voltage         AC           supply voltage of the supply voltage of the light source         AC           supply voltage of the light source at AC         III 0 V           • at 50 Hz rated value         III 0 V           • at 60 Hz rated value         III 0 V           • at 60 Hz rated value         III 0 V           Control circuit/ Control         IIII 0 V           inrush current of LED module maximum         3 A           Auxiliary circuit         IIII 0 V           design of the contact of auxiliary contacts         0           number of NC contacts for auxiliary contacts         1           Connections/ Terminals         Spring-loaded terminals           type of electrical connection         spring-loaded terminals           • of modules and accessories         Spring-lype terminal           type of onductor cross-sections         \$2 (0.25 1.5 mm <sup>3</sup> )           • finely stranded with core end processing         2x (0.25 1.5 mm <sup>3</sup> )           • at AWG cables         2x (24 16)           tightening torque of the screws in the bracket         1 1 1.2 N <sup>m</sup> Lamp         Ype of light source         green           light intensity         90 1 800 mcd         Ambient conditions           ambient tomperature         eduring operation	contact reliability	
type of voltage of the supply voltage of the light source         AC           supply voltage of the light source at AC         110 V           • at 50 Hz rated value         110 V           control circuit/ Control         110 V           inrush current of LED module maximum         3 A           Auxiliary circuit         0           design of the contact of auxiliary contacts         0           number of NC contacts for auxiliary contacts         0           number of NC contacts for auxiliary contacts         0           of modules and accessories         spring-loaded terminals           • at WG cables         2x (0.25 1.5 mm <sup>2</sup> )           • finely stranded with core end processing         2x (0.25 1.5 mm <sup>2</sup> )           • at AWG cables         2x (24 16)           tight intensity         90 0 1 800 mcd           Ambient conditions         green           ambient temperature         -40 +80 °C           environmental category during operation according to EC         3M6, 352, 352, 354, 354, Wi	Supply voltage	
Supply voltage of the light source at AC         • at 50 Hz rated value         • at 50 Hz rated value         110 V         • at 60 Hz rated value         110 V         • ortrol circuit Control         Inrush current of LED module maximum         3 A         Auxiliary circuit         design of the contacts for auxiliary contacts         0         number of NC contacts for auxiliary contacts         1         Connections/Terminals         type of electrical connection         • of modules and accessories         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • at AWG cables         2 x (0.25 1.5 mm²)         • at AWG cables         2 x (0.25 1.5 mm²)         • at AWG cables         2 x (0.25 1.5 mm²)         • at AWG cables         2 x (0.25 0.75 mm²)         • at WG cables         2 x (0.25 0.75 mm²)         • at WG cables         2 x (24 16)         1 mathet temperature         • during operation         -25 +70 °C         • during operation		AC
• at 50 Hz rated value       110 V         • at 60 Hz rated value       110 V         Control circuit/ Control       110 V         inrush current of LED module maximum       3 A         Auxiliary circuit       Silver alloy         design of the contact of auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       0         number of NC contacts for auxiliary contacts       1         Connections/ Terminals       1         type of electrical connection       spring-loaded terminals         • of modules and accessories       Spring-type terminal         type of connectable conductor cross-sections       solid without core end processing         • solid without core end processing       2x (0.25 1.5 mm²)         • finely stranded without core end processing       2x (0.25 1.6 m²)         • at AWG cables       2x (0.25 1.5 mm²)         • at AWG cables       2x (24 16)         tightening torque of the screws in the bracket       1 1.2 N·m         Lamp       green         tight isource       LED         color of the light source       green         light intensity       900 1 800 mcd         Ambient temperature       -40		
• at 60 Hz rated value       110 V         Control circuit/ Control       3 A         Auxiliary circuit       3 A         design of the contact of auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       0         number of NC contacts for auxiliary contacts       1         Connections/ Terminals       spring-loaded terminals         • of modules and accessories       Spring-type terminal         type of electrical connection       spring-type terminal         • of modules and accessories       Spring-type terminal         type of connectable conductor cross-sections       -         • solid without core end processing       2x (0.25 1.5 mm²)         • finely stranded with core end processing       2x (0.25 1.5 mm²)         • finely stranded without core end processing       2x (2.4 16)         tightening torque of the screws in the bracket       1 1.2 N·m         Lamp       LED       Color of the light source         green       green       900 1 800 mcd         Abient conditions       -       -         amblent temperature       -       -         • during operation       -       -       -         • during storage       -40 +80 °C       3M6, 352, 352, 3K6 (with		110 V
Control circuit/ Control         3 A           Inrush current of LED module maximum         3 A           Auxiliary circuit		
Inrush current of LED module maximum       3 A         Auxiliary circuit		
Auxiliary circuit         design of the contact of auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       0         number of NO contacts for auxiliary contacts       1         Connactions/ Terminals       spring-loaded terminals         type of electrical connection       spring-loaded terminals         • of modules and accessories       Spring-type terminal         type of connectable conductor cross-sections       spring-type terminal         • solid without core end processing       2x (0.25 1.5 mm²)         • finely stranded with core end processing       2x (0.25 1.5 mm²)         • at AWG cables       2x (0.25 1.5 mm²)         • at AWG cables       2x (24 16)         tightening torque of the screws in the bracket       1 1.2 N·m         Lamp		2.4
design of the contact of auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       0         number of NO contacts for auxiliary contacts       1         Connections/ Terminals       1         type of electrical connection       spring-loaded terminals         • of modules and accessories       Spring-type terminal         type of connectable conductor cross-sections       spring-type terminal         • solid without core end processing       2x (0.25 1.5 mm²)         • finely stranded with core end processing       2x (24 16)         • at AWG cables       2x (24 16)         tightening torque of the screws in the bracket       1 1.2 N·m         Lamp       LED         type of light source       LED         color of the light source       green         light intensity       900 1 800 mcd         Ambient conditions       -25 +70 °C         ambient temperature       -40 +80 °C         • during operation       -25 +70 °C         • during storage       -40 +80 °C         environmental category during operation according to IEC       Gonesation in operation permitted for all devices behind front panel)         Installation/ mounting/ dimensions       font plate mounting         Fastening metho		
number of NC contacts for auxiliary contacts       0         number of NO contacts for auxiliary contacts       1         Connections/ Terminals       spring-loaded terminals         type of electrical connection       spring-loaded terminals         of modules and accessories       Spring-type terminal         type of connectable conductor cross-sections       solid without core end processing         a solid without core end processing       2x (0.25 1.5 mm²)         a finely stranded with core end processing       2x (0.25 1.5 mm²)         a tAWG cables       2x (2.4 16)         tightening torque of the screws in the bracket       1 1.2 N·m         Lamp       type of light source         color of the light source       green         light intensity       900 1 800 mcd         Ambient conditions       -25 +70 °C         ambient temperature       -40 +80 °C         environmental category during operation according to IEC       3M6, 352, 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         for the light and accessories       Front plate mounting		Cilver ellev
number of NO contacts for auxiliary contacts       1         Connections/ Terminals       spring-loaded terminals         type of electrical connection       spring-loaded terminals         • of modules and accessories       Spring-type terminal         type of connectable conductor cross-sections       spring-type terminal         • solid without core end processing       2x (0.25 1.5 mm²)         • finely stranded with core end processing       2x (0.25 1.5 mm²)         • at AWG cables       2x (24 16)         tightening torque of the screws in the bracket       1 1.2 N·m         Lamp       green         tight intensity       900 1 800 mcd         Ambient conditions       -25 +70 °C         ambient temperature       -40 +80 °C         • during operation       -25 +70 °C         • during storage       -40 +80 °C         environmental category during operation according to IEC       3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)         Installation/ mounting/ dimensions       front plate mounting         for the lage and accessories       Front plate mounting		
Connections/ Terminals         type of electrical connection       spring-loaded terminals         • of modules and accessories       Spring-type terminal         type of connectable conductor cross-sections       solid without core end processing         • solid without core end processing       2x (0.25 1.5 mm²)         • finely stranded with core end processing       2x (0.25 1.5 mm²)         • finely stranded without core end processing       2x (0.25 1.5 mm²)         • at AWG cables       2x (24 16)         tightening torque of the screws in the bracket       1 1.2 N·m         Lamp          type of light source       LED         color of the light source       green         light intensity       900 1 800 mcd         Ambient conditions       -25 +70 °C         ambient temperature       -40 +80 °C         environmental category during operation according to IEC       306, 352, 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         fastening method       front plate mounting         • of modules and accessories       Front plate mounting		
type of electrical connection       spring-loaded terminals         • of modules and accessories       Spring-type terminal         type of connectable conductor cross-sections       solid without core end processing         • solid without core end processing       2x (0.25 1.5 mm²)         • finely stranded with core end processing       2x (0.25 0.75 mm²)         • at AWG cables       2x (0.25 1.5 mm²)         tightening torque of the screws in the bracket       1 1.2 N·m         Lamp       type of light source         type of light source       LED         color of the light source       green         light intensity       900 1 800 mcd         Ambient conditions       -25 +70 °C         ambient temperature       -40 +80 °C         environmental category during operation according to IEC       3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)         Installation/ mounting/ dimensions       fort plate mounting         f astening method       front plate mounting         • of modules and accessories       Front plate mounting		1
. of modules and accessoriesSpring-type terminaltype of connectable conductor cross-sections• solid without core end processing2x (0.25 1.5 mm²)• finely stranded with core end processing2x (0.25 0.75 mm²)• finely stranded without core end processing2x (0.25 1.5 mm²)• at AWG cables2x (24 16)tightening torque of the screws in the bracket1 1.2 N·mLampLEDcolor of the light sourcegreenlight intensity900 1 800 mcdAmbient conditions-25 +70 °C• during operation-25 +70 °C• during storage-40 +80 °Cenvironmental category during operation according to IEC 607213K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)Installation/ mounting/ dimensionsfront plate mountingfastening method • of modules and accessoriesfront plate mounting		
type of connectable conductor cross-sectionsa for 0 structure• solid without core end processing2x (0.25 1.5 mm²)• finely stranded with core end processing2x (0.25 0.75 mm²)• finely stranded without core end processing2x (0.25 1.5 mm²)• at AWG cables2x (2.25 1.5 mm²)• at AWG cables2x (24 16)tightening torque of the screws in the bracket1 1.2 N·mLampLEDcolor of the light sourcegreenlight intensity900 1 800 mcdAmbient conditionsamblent temperature• during operation-25 +70 °C• during storage-40 +80 °Cenvironmental category during operation according to IEC 60721fastening method • of modules and accessoriesfront plate mountingfront plate mounting• of modules and accessories		
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Lamp         type of light source       LED         color of the light source       green         light intensity       900 1 800 mcd         Ambient conditions       ambient temperature         • during operation       -25 +70 °C         • during storage       -40 +80 °C         environmental category during operation according to IEC       3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)         Installation/ mounting/ dimensions       front plate mounting         fastening method       front plate mounting         • of modules and accessories       Front plate mounting		
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light intensity       900 1 800 mcd         Ambient conditions       -Ambient temperature         • during operation       -25 +70 °C         • during storage       -40 +80 °C         environmental category during operation according to IEC 60721       3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)         Installation/ mounting/ dimensions       front plate mounting         • of modules and accessories       Front plate mounting		
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60721       condensation in operation permitted for all devices behind front panel)         Installation/ mounting/ dimensions       fastening method         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		
	fastening method	
height 40 mm		
	height	40 mm

width	30 mm	
shape of the installation opening	round	
mounting diameter	22.3 mm	
positive tolerance of installation diameter	0.4 mm	
mounting height	11 mm	
installation width	29.5 mm	
installation depth	49.7 mm	
Certificates/ approvals		
Further information		

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1103-0AB40-3BA0-Z Y19

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1103-0AB40-3BA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1103-0AB40-3BA0-Z Y19

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1103-0AB40-3BA0-Z Y19&lang=en

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