SIEMENS

Data sheet



Illuminated pushbutton, 22 mm, round, metal, shiny, clear, pushbutton, flat, momentary contact type, with holder, 1 NO+1 NC, LED module with integrated LED 24 V AC/DC, 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 | Metal, shiny, 22 mm |
| manufacturer's article number | |
| of supplied contact module at position 1 | 3SU1400-1AA10-3FA0 |
| of supplied LED module | 3SU1401-1BB60-3AA0 |
| of the supplied holder | 3SU1550-0AA10-0AA0 |
| of the supplied actuator | 3SU1051-0AB70-0AA0 |
| 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 | 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 | 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 | Metal, high gloss |
| color of the front ring | silver |
| 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) |

| degree of protection NEMA rating shock resistance a according to IEC 60069-2-67 sinusoidal half-wave 15g / 11 ms sinusoidal half-wav | of the terminal | IP20 |
|--|--|---|
| shock resistance according to ICE 60098-2:7 wherefor resistance according to ICE 60098-2:6 operating frequency maximum mechanical service life (switching cycles) typical decircial enatures (switching cycles) typical 3 000 000 thermal current 10 A reference code according to ICE 61346-2 continuous current of the Quck BMZED flase link continuous current of the OBAZED flase at AC at CD Hz rafed value 5 500 V 5 500 V 6 500 V 6 500 V 7 500 V 7 500 V 8 500 V | | |
| exacording to IECE 00068-2-27 with station resistance | | 1, 2, 0, 011, T, T/1, 12, 10 |
| withston resistance | | sinusoidal half-waye 15g / 11 ms |
| according to IEC 60088-2-6 operating frequency maximum mechanical service life (switching cycles) typical sleed-rical endurance (switching cycles) typical electrical endurance (switching cycles) typical thermal current 10 A reference code according to IEC 81346-2 Sontinuous current of the Quick DIAZED fuse link continuous current of the quick DIAZED fuse link g Continuous current of the quick DIAZED fuse link g Continuous current of the quick DIAZED fuse link g Continuous current of the Quick DIAZED fuse link g Substance Prohibitance (Date) operating voltage - at 50 Hz rated value - at 60 | | |
| operating frequency maximum mechanical service life (switching cycles) typical dectrical endurance (switching cycles) typical themal current 10 A reference code according to IEC 81346-2 Sontinuous current of the Ccharacteristic MCB continuous current of the Grant DIAZED fuse link continuous current of the Quick DIAZED fuse link gG substance Prohibitance (Date) operating voltage • af AC — at 50 Hz rated value — at 60 Hz rated value — at 60 Hz rated value — at 60 Hz rated value — so For Supply voltage * af C | | 10 500 Hz: 5a |
| mechanical service life (switching cycles) typical 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 Quick DIAZED fuse link continuous current of the Quick DIAZED fuse link g continuous current of the Quick DIAZED fuse link g continuous current of the Quick DIAZED fuse link g continuous current of the Quick DIAZED fuse link g continuous current of the Quick DIAZED fuse link g d substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value — at 60 Hz rated value — 5 500 V • at DC rated value • at Crated value • at Crated value • at Crated value • at 50 Hz rated value • at 50 Hz rated value — at 60 Hz | | |
| electrical endurance (switching cycles) typical thermal current reference code according to IEC 81348-2 continuous current of the Qich Plaze Brita continuous current of the Gich Plaze Brita continuous current of the DIAZED fuse link gG Substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value — at 60 Hz | | |
| 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 y Continuous current of the quick DIAZED fuse link y Substance Prohibitance (Date) operating voltage at AC — at 50 Hz rated value — at 60 Hz rated value — at 50 Hz rated value | . 37 / 71 | |
| reference code according to EC 81346-2 continuous current of the C characteristic MCB continuous current of the Quick DIAZED fuse link continuous current of the puick DIAZED fuse link go Substance Prohibitance (Date) operating voltage at AC — at 50 Hz rated value — at 60 Hz | | |
| continuous current of the Quick DIAZED fuse link Continuous current of the quick DIAZED fuse link go 10 A Substance Prohibitance (Date) 1001/2014 Operating voltage • at AC — at 50 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 50 Hz rated value 5 500 V — at 50 Hz rated value 5 500 V — at 50 Hz rated value 5 500 V — at 50 Hz rated value 5 500 V — at 50 Hz rated value 5 500 V — at 50 Hz rated value 5 500 V — at 50 Hz rated value 5 500 V — at 50 Hz rated value 5 500 V — at 50 Hz rated value 5 500 V — at 50 Hz rated value 5 500 V — at 50 Hz rated value 5 500 V — at 50 Hz rated value 4 40 V — at 50 Hz rated value 24 V — at 50 Hz rated value 5 500 V — at 50 Hz rated value 5 500 V — at 50 Hz rated value 6 40 V — at 50 Hz rated value 7 40 V — at 50 Hz rated valu | | |
| Continuous current of the DIAZED fuse link 10 A | | |
| Continuous current of the DIAZED fuse link gG 10 A 10/01/2014 | | · |
| Substance Prohibitance (Date) operating voltage | <u> </u> | 10 A |
| at AC at 50 Hz rated value at DC rated value at DC rated value 5 500 V at DC rated value 5 500 V contact reliability Contact reliability Contact reliability Supply voltage type of voltage of the supply voltage of the light source supply voltage of the light source at AC at 50 Hz rated value at 60 Hz rated value 24 V at 60 Hz rated value 24 V at 60 Hz rated value 24 V control circuit/ Control Inrush current of LED module maximum Auxillary circuit/ design of the contact of auxillary contacts number of NC contacts for auxillary contacts 1 connections/Tominals type of electrical connection of modules and accessories finely stranded with core end processing at AWG cables tightnehing torque of the screws in the bracket LED type of light source color of the light source white light intensity yer of the screws in the bracket LED during operation auxillary contacts white light intensity yer of the screws in the bracket LED color of the light source during operation auxillary contacts auxillary contacts auxillary contacts 2x (2.25 1.5 mm²) 4x (2.25 1.5 | | 10/01/2014 |
| at AC at 50 Hz rated value at DC rated value at DC rated value 5 500 V at DC rated value 5 500 V contact reliability Contact reliability Contact reliability Supply voltage type of voltage of the supply voltage of the light source supply voltage of the light source at AC at 50 Hz rated value at 60 Hz rated value 24 V at 60 Hz rated value 24 V at 60 Hz rated value 24 V control circuit/ Control Inrush current of LED module maximum Auxillary circuit/ design of the contact of auxillary contacts number of NC contacts for auxillary contacts 1 connections/Tominals type of electrical connection of modules and accessories finely stranded with core end processing at AWG cables tightnehing torque of the screws in the bracket LED type of light source color of the light source white light intensity yer of the screws in the bracket LED during operation auxillary contacts white light intensity yer of the screws in the bracket LED color of the light source during operation auxillary contacts auxillary contacts auxillary contacts 2x (2.25 1.5 mm²) 4x (2.25 1.5 | operating voltage | |
| at DC rated value 5 500 V 5 500 V 5 500 V 7 | | |
| a to DC rated value bower Electronics contact reliability Cone maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (6 V, 1 mA) Supply voltage Supply voltage of the supply voltage of the light source at AC a ti 50 Hz rated value at 60 Hz rated value at 60 Hz rated value 24 V supply voltage 1 of the light source at DC rated value control circuit/ Control inrush current of LED module maximum 2 A Auxillary circuit design of the contact of auxiliary contacts 1 | — at 50 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 type of voltage of the supply voltage of the light source supply voltage of the light source at AC • at 50 Hz rated value • at 60 Hz rated value • at 60 Hz rated value • at 60 Hz rated value Supply voltage 1 of the light source at DC rated value Control circuit/ Control inrush current of LED module maximum Auxillary circuit design of the contact of auxillary contacts number of NC contacts for auxillary contacts 1 connections/ Terminals type of electrical connection • of modules and accessories 1 connections/ Terminals 1 connections/ Terminals 2 x(0.25 1.5 mm²) • finely stranded with core end processing • finely stranded with core end processing • at AWG cables 1 x(0.25 1.5 mm²) 2 x(0.25 1.5 mm²) 4 x(0.25 1.5 mm²) 2 x(0.25 1.5 mm²) 4 x(0.25 1.5 mm²) 5 x(0.25 1.5 mm²) 4 x(0.25 1.5 mm²) 4 x(0.25 1.5 mm²) 5 x(0.25 1.5 mm²) 4 x(0.25 1.5 mm²) 5 x(0.25 1.5 mm²) 4 x(0.25 1.5 mm²) 5 x(0.25 1.5 mm²) 4 x(0.25 1.5 mm²) 5 x(0.25 1.5 mm²) 6 x(0.25 1.5 mm²) 7 x(0.25 1.5 mm²) 7 x(0.25 1.5 mm²) 8 x(0.25 1.5 mm²) 9 x(0.25 1.5 mm²) 9 x(0.25 1.5 mm²) 1 x(0.25 1.5 mm²) 2 x(0.25 1.5 mm²) 3 x(0.25 1.5 mm²) 4 x(0.25 1.5 mm²) 5 x(0.25 1.5 mm²) 6 x(0.25 1.5 mm²) 7 x(0.25 1.5 mm²) 8 x(0.25 1.5 mm²) 9 x(0.25 1.5 mm²) 9 x(0.25 1.5 mm²) 1 x(0.25 1.5 mm²) 2 x(0.25 1.5 mm²) 3 x(0.25 1.5 mm²) 4 x(0.25 1.5 mm²) 5 x(0.25 1.5 mm²) 6 x(0.25 1.5 mm²) 7 x(0.25 1.5 mm²) 8 | — at 60 Hz rated value | 5 500 V |
| contact reliability Supply voltage type of voltage of the supply voltage of the light source supply voltage of the light source at AC • at 50 Hz rated value • at 60 Hz rated value • at 60 Hz rated value supply voltage 1 of the light source at DC rated value • at 60 Hz rated value supply voltage 1 of the light source at DC rated value Control circuit/ Control Inrush current of LED module maximum 2 A Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 Connections/ Terminals type of electrical connection • of modules and accessories finely stranded with core end processing • at AWG cables tightening torque of the screws in the bracket lamp type of light source color of the light source light intensity Ambient conditions ambient emperature • during storage • during storage • of modules and accessories and conductors and conductors front plate mounting | at DC rated value | 5 500 V |
| contact reliability Supply voltage type of voltage of the supply voltage of the light source supply voltage of the light source at AC • at 50 Hz rated value • at 60 Hz rated value • at 60 Hz rated value control circuit/ Control inrush current of LED module maximum 2 A Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 connections/ Terminals type of electrical connection • of modules and accessories fastening method e of modules and accessories abiliant in the supply voltage of the light source 1 Connections/ LED AC/DC AC/D | Power Electronics | |
| Supply voltage Type of voltage of the supply voltage of the light source supply voltage of the light source at AC • at 50 Hz rated value • at 60 Hz rated value supply voltage 1 of the light source at DC rated value 24 V supply voltage 1 of the light source at DC rated value 24 V Supply voltage 1 of the light source at DC rated value 24 V Control circuit/ Control inrush current of LED module maximum 2 A Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 |
| type of voltage of the supply voltage of the light source supply voltage of the light source at AC a at 50 Hz rated value 24 V supply voltage 1 of the light source at DC rated value 24 V supply voltage 1 of the light source at DC rated value 24 V supply voltage 1 of the light source at DC rated value 24 V Supply voltage 1 of the light source at DC rated value 24 V Supply voltage 1 of the light source at DC rated value 24 V Supply voltage 1 of the light source at DC rated value 25 V Auxiliary circuit design of the contact of auxiliary contacts 1 Silver alloy 1 connections 7 terminals 1 type of electrical connection 2 of modules and accessories 3 spring-loaded terminals 1 type of connectable conductor cross-sections 3 spring-loaded terminals 1 type of connectable conductor cross-sections 4 solid without core end processing 5 finely stranded with core end processing 6 finely stranded with core end processing 2 x (0.25 1.5 mm²) 2 x (0.25 1.5 mm²) 2 x (2.25 1.5 mm²) 3 x (2.4 16) 1 1.2 N·m Lamp 1 type of light source 1 color of the light source 2 color of the light source 3 dwing storage 4 during operation 4 during storage 2 convironmental category during operation according to IEC cordination according t | | |
| supply voltage of the light source at AC • at 50 Hz rated value • at 60 Hz rated value supply voltage 1 of the light source at DC rated value 24 V supply voltage 1 of the light source at DC rated value Control circuit/ Control inrush current of LED module maximum Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 connections/ Terminals type of electrical connection • of modules and accessories finely stranded without core end processing • at AlVG cables in the screws in the bracket LED color of the light source ilght intensity Ambient conditions ambient temperature • during storage environmental category during operation according to IEC for modules and accessories front plate mounting front plate mounting front plate mounting for not plate mounting front plate mounting for the light source in the processing of modules and accessories front plate mounting front plate mounting front plate mounting for modules and accessories fastening method • of modules and accessories 24 V 25 U 26 V 26 V 27 Electrical connection 28 A 29 V 20 A Auxiliary cortacts Silver alloy alloy 10 Contacts for auxiliary contacts 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Supply voltage | |
| at 50 Hz rated value at 60 Hz rated value 24 V supply voltage 1 of the light source at DC rated value 24 V Control circuit/ Control inrush current of LED module maximum 2 A Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 connections/ Terminals type of electrical connection of modules and accessories solid without core end processing of inely stranded with core end processing at AWG cables at AWG cables type of light source color of the light source light intensity Ambient conditions ambient temperature of during operation of modules and accessories front plate mounting | type of voltage of the supply voltage of the light source | AC/DC |
| a to 60 Hz rated value supply voltage 1 of the light source at DC rated value Control circuit/ Control inrush current of LED module maximum Auxillary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 Connections/ Terminals type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • at AlWG cables • at AlWG cables type of light source color of the light source color of the light source during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method • of modules and accessories front plate mounting fornt plate mounting | supply voltage of the light source at AC | |
| supply voltage 1 of the light source at DC rated value Control circuit/ Control inrush current of LED module maximum Auxillary circuit design of the contact of auxillary contacts number of NC contacts for auxillary contacts number of NC contacts for auxillary contacts 1 Connections/ Terminals type of electrical connection • of modules and accessories • solid without core end processing • finely stranded with core end processing • at AVIVC cables • at AVIVC cables tightening torque of the screws in the bracket Lamp type of light source color of the light source light intensity ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method • of modules and accessories for not plate mounting front plate mounting front plate mounting • front plate mounting front plate mounting for not plate mounting front plate mounting for of modules and accessories Front plate mounting for of modules and accessories Page 12 Auxillary circuit 2 A Auxillary circuit 2 | • at 50 Hz rated value | 24 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 number of NO contacts for auxiliary contacts 1 connections/ Terminals type of electrical connection • of modules and accessories • solid without core end processing • finely stranded with core end processing • at AWG cables tightening torque of the screws in the bracket Lamp type of light source light intensity Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method • of modules and accessories Silver alloy Silver alloy 1 1 1 2 A Silver alloy 1 1 1 1 1 1 1 1 1 1 1 1 1 | at 60 Hz rated value | 24 V |
| Inrush current of LED module maximum Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 Connections/ Terminals type of electrical connection | supply voltage 1 of the light source at DC rated value | 24 V |
| Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 Connections/ Terminals type of electrical connection of modules and accessories type of connectable conductor cross-sections ifinely stranded with core end processing at AWG cables type of light source color of the light source light intensity Ambient conditions ambient temperature during operation during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method of on modules and accessories Silver alloy 1 1 2 (Silver alloy 1 1 2 (Connections) 1 2 (Connections) 1 2 (Connections) 3 (Connectable connection spring-loaded terminals 5 (Connectable connection) 2 (Co.25 1.5 mm²) 2 | Control circuit/ Control | |
| design of the contact of auxiliary contacts Silver alloy number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 Connections/ Terminals spring-loaded terminals type of electrical connection of modules and accessories spring-type terminal type of connectable conductor cross-sections \$pring-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 type of light source color of the light source LED color of the light source white light intensity 900 1 400 mcd Ambient conditions ambient temperature 4 uring operation -25 +70 °C * during operation -25 +70 °C 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 a | inrush current of LED module maximum | 2 A |
| number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts type of electrical connection of modules and accessories type of connectable conductor cross-sections solid without core end processing finely stranded with core end processing at AWG cables tightening torque of the screws in the bracket Lamp type of light source color of the light source light intensity ambient conditions ambient temperature during operation during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method of modules and accessories pring-loaded terminals spring-loaded | Auxiliary circuit | |
| number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories Foring-loaded terminals Spring-loaded terminals Spring-type terminal spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m Lamp type of light source LED white light intensity 900 1 400 mcd Ambient conditions ambient temperature of during operation -25 +70 °C -40 +80 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no codensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions fastening method of modules and accessories height A0 mm | design of the contact of auxiliary contacts | Silver alloy |
| type of electrical connection of modules and accessories event of inely stranded without core end processing at AWG cables event of the light source color of the light source light intensity Ambient conditions ambient temperature of during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method of modules and accessories spring-loaded terminals spring-loaded terminal spring-loaded terminals spring-loaded terminals spring-loaded terminals spring-loaded terminals spring-loaded terminal spring-loaded terminals spring-loaded terminal spring-loaded terminal spring-loaded terminal spring-loaded terminals spring-loaded terminal spring-loaded terminal spring-loaded terminal spring-loaded terminal spring-loaded terminals spring-loaded terminal spring-loaded terminals spring-loaded terminals spring-loaded terminal spring-loaded terminal spring-loaded terminals spring-loaded terminals spring-loaded terminals spring-loaded terminals spring-loaded terminals spring-loaded terminals spring-loaded t | number of NC contacts for auxiliary contacts | 1 |
| type of electrical connection | | |
| • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • finely stranded without core end processing • at AWG cables 2x (0.25 1.5 mm²) • at AWG cables 2x (24 16) tightening torque of the screws in the bracket Lamp type of light source color of the light source light intensity 4 mbient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method • of modules and accessories height 2x (0.25 1.5 mm²) 2x (0.25 1. | number of NO contacts for auxiliary contacts | 1 |
| type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • finely stranded without core end processing • at AWG cables • at AWG cables tightening torque of the screws in the bracket Lamp type of light source color of the light source light intensity Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 installation/ mounting/ dimensions fastening method • of modules and accessories height 2x (0.25 1.5 mm²) 2x (0.25 1.5 m | | 1 |
| • 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 • at AWG cable | Connections/ Terminals | |
| finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing 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 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 height 40 mm 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m | Connections/ Terminals type of electrical connection | spring-loaded terminals |
| finely stranded without core end processing at AWG cables 2x (24 16) tightening torque of the screws in the bracket 1 1.2 N·m Lamp type of light source color of the light source light intensity 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 height 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m LED white 900 1 400 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) installation/ mounting/ dimensions front plate mounting Front plate mounting Front plate mounting Front plate mounting Front plate mounting front plate mounting front plate mounting | Connections/ Terminals type of electrical connection of modules and accessories | spring-loaded terminals |
| • at AWG cables tightening torque of the screws in the bracket Lamp type of light source color of the light source light intensity Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method • of modules and accessories height 2x (24 16) 1 1.2 N·m 1 1.2 N·m 1 1.2 N·m 1 1.2 N·m 2 1.2 N·m 1 1.2 N·m 2 1.2 N·m 2 1.2 N·m 2 1.2 N·m 2 1.2 N·m 3 1.2 N·m 4 1.2 N·m 4 1.2 N·m 5 1.2 N·m 4 1.2 N·m 5 1.2 N·m 6 1.2 N·m 1 1.2 N·m 1 1.2 N·m 2 1.2 N·m 4 1.2 N·m 5 1.2 N·m 6 1.2 N·m 1 1.2 N·m 4 1.2 N·m 5 1.2 N·m 6 1.2 | type of electrical connection of modules and accessories type of connectable conductor cross-sections | spring-loaded terminals Spring-type terminal |
| tightening torque of the screws in the bracket 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 height 1 1.2 N·m LED white 900 1 400 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) | type of electrical connection of modules and accessories type of connectable conductor cross-sections solid without core end processing | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) |
| type of light source color of the light source white light intensity 900 1 400 mcd Ambient conditions ambient temperature | type of electrical connection of modules and accessories type of connectable conductor cross-sections solid without core end processing finely stranded with core end processing | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) |
| type of light source 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 height LED white 900 1 400 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) | type of electrical connection | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) |
| 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 height white 900 1 400 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting 40 mm | type of electrical connection | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (0.24 16) |
| Section Part | type of electrical connection | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (0.24 16) |
| 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 height -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 40 mm | type of electrical connection | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m |
| ambient temperature | type of electrical connection | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m |
| during operation during storage the environmental category during operation according to IEC according | type of electrical connection | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m |
| during storage during storage 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 fastening method of modules and accessories Front plate mounting height 40 mm | type of electrical connection | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m |
| environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method of modules and accessories height onumber 13M6, 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 40 mm | type of electrical connection | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m |
| 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 height 40 mm | type of electrical connection | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m LED white 900 1 400 mcd |
| Installation/ mounting/ dimensions fastening method front plate mounting | type of electrical connection | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m LED white 900 1 400 mcd |
| fastening method front plate mounting ● of modules and accessories Front plate mounting height 40 mm | type of electrical connection | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m LED white 900 1 400 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no |
| ● of modules and accessories Front plate mounting height 40 mm | type of electrical connection | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m LED white 900 1 400 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no |
| height 40 mm | type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • at AWG cables tightening torque of the screws in the bracket 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 | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m LED white 900 1 400 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no |
| | type of electrical connection | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m LED white 900 1 400 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) |
| width 30 mm | type of electrical connection | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m LED white 900 1 400 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) front plate mounting |
| | type of electrical connection | spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m LED white 900 1 400 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) front plate mounting Front plate mounting |

| shape of the installation opening | round |
|---|---------|
| mounting diameter | 22.3 mm |
| positive tolerance of installation diameter | 0.4 mm |
| mounting height | 11 mm |
| installation width | 29.5 mm |
| installation depth | 71.7 mm |
| Certificates/ approvals | |
| Further information | |

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=3SU1152-0AB70-3FA0-Z Y19

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1152-0AB70-3FA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1152-0AB70-3FA0-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=3SU1152-0AB70-3FA0-Z Y19&lang=en

| ast modified: | 1/26/2022 (| 7 |
|-----------------|-------------|-----|
| asi illoullieu. | 1/20/2022 (| - 1 |