SIEMENS

Data sheet

3SB3645-0AA41



22MM METAL ROUND COMPLETE UNIT COMBINATION: ILLUMINATED PUSHBUTTON MOMENTARY CONTACT TYPE WITH FLAT BUTTON ILLUMINATED WITH INTEGRATED LED 24V AC/DC SCREW TERMINAL, 1NO WITH HOLDER GREEN !!! Phased-out product !!! SIRIUS ACT 3SU1 is successor Preferred successor ty >>3SU1152-0AB40-1BA0<<

| design of the product Complete unit round Enclosure round material of the enclosure front round material of the enclosure metal number of command points 1 Actuator | | |
|---|--|------------------------|
| shape of the enclosure front round metrial of the enclosure metal number of command points 1 Actuator Illuminated pushbutton 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 plastic type of unlocking device without number of switching positions 2 Front ring slilver Holder | design of the product | Complete unit round |
| material of the enclosure metal number of command points 1 Actuator Illuminated pushbutton principle of operation of the actuating element momentary contact type principle of operation of the actuating element momentary contact type principle of operation of the actuating element green material of the actuating element green shape of the actuating element plastic shape of unlocking device without number of switching positions 2 Front ring Yes product component front ring Yes design of the front ring Standard material of the front ring metal color of the front ring metal color of the front ring silver Holder | Enclosure | |
| number of command points 1 Actuator | shape of the enclosure front | round |
| Actuator Illuminated pushbutton design of the actuating element momentary contact type 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 Plastic type of unlocking device without number of switching positions 2 product component front ring Yes design of the front ring Standard material of the holder Metal color of the actuation elements 1 color of the front ring silver Holder metal color of the holder Metal Contact block/ lampholder 1 number of switching elements 1 general tochnical data 1 product function positive opening No product function positive opening No product function positive opening No product component light source Yes product component light source Yes | material of the enclosure | metal |
| design of the actuating element Illuminated pushbutton 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 plastic shape of the actuating element Flat pushbutton type of unlocking device without number of switching positions 2 Product component front ring Yes design of the front ring Standard material of the holder Metal Color of the front ring silver Holder Metal Contact block/ lampholders 1 number of switching elements 1 number of switching elements 1 oproduct function positive opening No product component light source <th>number of command points</th> <th>1</th> | 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 green material of the actuating element plastic shape of the actuating element plastic shape of the actuating element Flat pushbutton type of unlocking device without number of switching positions 2 Front ring Test Standard material of the front ring Standard material of the front ring metal color of the front ring silver Holder Metal contact block/ lampholder Contact block/ lampholder socket design integrated LED number of switching elements 1 number of switching elements 1 product function positive opening No protection class IP IP67 vivibration resistance according to IEC 60068-2-6 | Actuator | |
| product extension optional light source Yes color of the actuating element green material of the actuating element plastic shape of the actuating element Filat pushbutton type of unlocking device without number of switching positions 2 Front ring Yes design of the front ring Standard material of the front ring metal color of the front ring metal color of the front ring silver Holder Metal contact block/ lampholder socket design number of switching elements 1 number of switching elements 1 contact block/ lampholders 1 product component light source Yes product function positive opening No protect component light source Yes protect component light source <th>design of the actuating element</th> <th>Illuminated pushbutton</th> | design of the actuating element | Illuminated pushbutton |
| color of the actuating element green material of the actuating element plastic shape of the actuating element Flat pushbutton type of unlocking device without number of switching positions 2 Front ring Yes design of the front ring Standard material of the front ring metal color of the front ring metal color of the noter Metal Contact block/ lampholder Metal Contact block/ lampholders 1 number of switching elements 1 General technical data Product component light source product function positive opening No product component light source Yes product function positive opening No product component light source Yes protection class IP IP67 vibration resistance according to IEC 60068-2-6 20 200 Hz: 5g operating frequency maximum 1000 1/n mechanical service life (operating cycles) typical 3000 000 reference code according to IEC 81345-2 S Substance Prohibitance (Date) | principle of operation of the actuating element | momentary contact type |
| material of the actuating element plastic shape of the actuating element Flat pushbutton type of unlocking device without number of switching positions 2 Front ring yes design of the front ring Yes design of the front ring Standard material of the front ring metal color of the front ring metal color of the front ring silver Holder Metal Contact block/ lampholders 1 socket design integrated LED number of switching elements 1 General tochnical data product function positive opening product function positive opening No product function resistance according to IEC 60068-2-6 20 200 Hz: 5g operating frequency maximum 1000 1/h mechanical service life (operating cycles) typical 3000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006 | product extension optional light source | Yes |
| shape of the actuating element Flat pushbutton type of unlocking device without number of switching positions 2 Front ring 2 product component front ring Yes design of the front ring Standard material of the front ring metal color of the front ring silver Holder Metal Contact block/ lampholder Metal Contact block/ lampholders 1 number of switching elements 1 General technical data Product component light source product component light source Yes operating frequency maximum 1000 1/h mechanical service life (operating cycles) typical 3000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006 | color of the actuating element | green |
| type of unlocking device without number of switching positions 2 Front ring product component front ring Yes design of the front ring Standard material of the front ring metal color of the front ring silver Holder material of the holder Metal Contact block/ lampholder socket design integrated LED number of lampholders 1 number of switching elements 1 General technical data product component light source product function positive opening No product component light source Yes protection class IP IP67 vibration resistance according to IEC 60068-2-6 20 200 Hz: 5g operating frequency maximum 1000 1/h mechanical service life (operating cycles) typical 3000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006 | material of the actuating element | plastic |
| number of switching positions 2 Front ring Yes design of the front ring Standard material of the front ring metal color of the front ring metal color of the front ring silver Holder Metal Contact block/ lampholder socket design number of lampholders 1 number of switching elements 1 General technical data product function positive opening product function positive opening No product omponent light source Yes protection class IP IP67 vibration resistance according to IEC 60068-2-6 20 200 Hz: 5g operating frequency maximum 1000 1/h mechanical service life (operating cycles) typical 3000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006 | shape of the actuating element | Flat pushbutton |
| Front ring product component front ring Yes design of the front ring Standard material of the front ring metal color of the front ring silver Holder Metal Contact block/ lampholder Metal Contact block/ lampholder 1 socket design integrated LED number of lampholders 1 General technical data 1 product component light source Yes product ongoning frequency maximum 1000 1/h mechanical service life (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006 | type of unlocking device | without |
| product component front ring Yes design of the front ring Standard material of the front ring metal color of the front ring silver Holder metal color of the holder Metal Contact block/ lampholder socket design number of lampholders 1 number of switching elements 1 General technical data product component light source Yes product norsistance according to IEC 60068-2-6 20 200 Hz: 5g operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006 | number of switching positions | 2 |
| design of the front ring Standard material of the front ring metal color of the front ring silver Holder Metal Contact block/ lampholder Socket design socket design integrated LED number of lampholders 1 number of switching elements 1 General technical data product function positive opening product component light source Yes protection class IP IP67 vibration resistance according to IEC 60068-2-6 20 200 Hz: 5g operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006 | Front ring | |
| material of the front ring metal color of the front ring silver Holder Metal Contact block/ lampholder Metal socket design integrated LED number of lampholders 1 number of switching elements 1 General technical data product function positive opening product function positive opening No product component light source Yes protection class IP IP67 vibration resistance according to IEC 60068-2-6 20 200 Hz: 5g operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006 | product component front ring | Yes |
| color of the front ring silver Holder Metal Contact block/ lampholder Metal socket design integrated LED number of lampholders 1 number of switching elements 1 General technical data | design of the front ring | Standard |
| Holder Metal Contact block/ lampholder Metal socket design integrated LED number of lampholders 1 number of switching elements 1 General technical data product function positive opening No product component light source Yes protection class IP IP67 vibration resistance according to IEC 60068-2-6 20 200 Hz: 5g operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006 | material of the front ring | metal |
| material of the holder Metal Contact block/ lampholder integrated LED socket design integrated LED number of lampholders 1 number of switching elements 1 General technical data 1 product function positive opening No product component light source Yes protection class IP IP67 vibration resistance according to IEC 60068-2-6 20 200 Hz: 5g operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006 | color of the front ring | silver |
| Contact block/ lampholder socket design integrated LED number of lampholders 1 number of switching elements 1 General technical data 1 product function positive opening No product component light source Yes protection class IP IP67 vibration resistance according to IEC 60068-2-6 20 200 Hz: 5g operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006 | Holder | |
| socket design integrated LED number of lampholders 1 number of switching elements 1 General technical data 1 product function positive opening No product component light source Yes protection class IP IP67 vibration resistance according to IEC 60068-2-6 20 200 Hz: 5g operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006 | material of the holder | Metal |
| number of lampholders1number of switching elements1General technical dataproduct function positive openingNoproduct component light sourceYesprotection class IPIP67vibration resistance according to IEC 60068-2-620 200 Hz: 5goperating frequency maximum1 000 1/hmechanical service life (operating cycles) typical3 000 000reference code according to IEC 81346-2SSubstance Prohibitance (Date)07/01/2006 | Contact block/ lampholder | |
| number of switching elements 1 General technical data | socket design | integrated LED |
| General technical data product function positive opening No product component light source Yes protection class IP IP67 vibration resistance according to IEC 60068-2-6 20 200 Hz: 5g operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006 | number of lampholders | 1 |
| product function positive openingNoproduct component light sourceYesprotection class IPIP67vibration resistance according to IEC 60068-2-620 200 Hz: 5goperating frequency maximum1 000 1/hmechanical service life (operating cycles) typical3 000 000reference code according to IEC 81346-2SSubstance Prohibitance (Date)07/01/2006 | number of switching elements | 1 |
| product component light sourceYesprotection class IPIP67vibration resistance according to IEC 60068-2-620 200 Hz: 5goperating frequency maximum1 000 1/hmechanical service life (operating cycles) typical3 000 000reference code according to IEC 81346-2SSubstance Prohibitance (Date)07/01/2006 | General technical data | |
| protection class IP IP67 vibration resistance according to IEC 60068-2-6 20 200 Hz: 5g operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006 | product function positive opening | No |
| vibration resistance according to IEC 60068-2-6 20 200 Hz: 5g operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006 | product component light source | Yes |
| operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006 | protection class IP | IP67 |
| mechanical service life (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006 | vibration resistance according to IEC 60068-2-6 | 20 200 Hz: 5g |
| reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006 | operating frequency maximum | 1 000 1/h |
| Substance Prohibitance (Date) 07/01/2006 | mechanical service life (operating cycles) typical | 3 000 000 |
| | reference code according to IEC 81346-2 | S |
| Supply voltage | Substance Prohibitance (Date) | 07/01/2006 |
| | Supply voltage | |
| type of voltage of the supply voltage | type of voltage of the supply voltage | |
| of the light source AC/DC | of the light source | AC/DC |
| supply voltage of the light source at AC | supply voltage of the light source at AC | |
| • at 50 Hz rated value 24 V | • at 50 Hz rated value | 24 V |
| • at 60 Hz rated value 24 V | • at 60 Hz rated value | 24 V |

| supply voltage 1 of the light source at DC rated value | 24 V |
|---|---------------------------------|
| relative negative tolerance of the supply voltage | -15 % |
| relative positive tolerance of the supply voltage | 10 % |
| Auxiliary circuit | |
| number of NC contacts for auxiliary contacts | 0 |
| number of NO contacts for auxiliary contacts | 1 |
| number of CO contacts for auxiliary contacts | 0 |
| consumed current for rated value of supply voltage maximum | 18 mA |
| operational current at AC-12 | |
| • at 24 V rated value | 10 A |
| • at 48 V rated value | 10 A |
| • at 110 V rated value | 10 A |
| • at 230 V rated value | 10 A |
| • at 400 V rated value | 10 A |
| operational current at AC-15 | |
| • at 24 V rated value | 6 A |
| at 48 V rated value | 6 A |
| at 110 V rated value | 6 A |
| • at 230 V rated value | 6 A |
| at 400 V rated value | 3 A |
| operational current at DC-12 | |
| at 24 V rated value | 10 A |
| at 48 V rated value | 5 A |
| at 110 V rated value | 2.5 A |
| at 230 V rated value | 1A |
| operational current at DC-13 | |
| at 24 V rated value | 3 A |
| at 48 V rated value | 1.5 A |
| • at 110 V rated value | 0.7 A |
| at 230 V rated value | 0.3 A |
| Connections/ Terminals | |
| type of electrical connection | screw-type terminals |
| tightening torque of the screws in the bracket | 1.4 1.6 N·m |
| Ambient conditions | |
| ambient temperature | |
| during operation | -25 +70 °C |
| during storage | -40 +80 °C |
| environmental category during operation according to IEC 60721 | 3K6 |
| Installation/ mounting/ dimensions | |
| fastening method | front mounting |
| shape of the installation opening | round |
| mounting diameter | 22 mm |
| mounting height | 12 mm |
| installation width | 28.5 mm |
| | 49 mm |
| installation depth Accessories | |
| | Yes |
| product component holder for 3 switching elements | res |
| Certificates/ approvals | |
| General Product Approval | Marine / Shipping |
| | Lioveds Register Lins Prs |
| Marine / Shipping other | |





Confirmation

Further information

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

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

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

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

Information on the packaging

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

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SB3645-0AA41

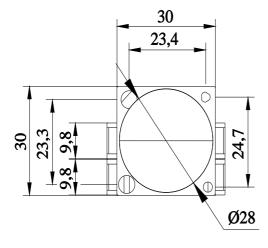
Cax online generator

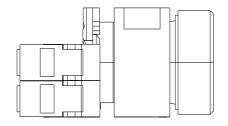
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB3645-0AA41

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

https://support.industry.siemens.com/cs/ww/en/ps/3SB3645-0AA41

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3645-0AA41&lang=en





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