3SU1001-0AD50-0AA0-Z Y19

Data sheet



Indicator light in illuminated pushbutton design, 22 mm, round, plastic, blue, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN) SIRIUS ACT configurator (CIN)

| product designation design of the product product type designation product line Plastic, black, 22 mm Plastic, bl | product brand name | SIRIUS ACT |
|--|--|----------------------------------|
| product type designation product line Plastic, black, 22 mm Enclosure number of command points 1 Actuator design of the actuating element principle of operation of the actuating element Fixed key product extension optional • light source Yes • contact module Yes color of the actuating element plastic shape of the actuating element round outer diameter of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) Front ring product component front ring Yes design of the front ring plastic color of the front ring plastic salary of the actuating element and the front ring plastic color of the front ring plastic design of the front ring plastic color of the front ring color of the front ring color of the front ring design of the front ring plastic color of the front ring design of the front ring plastic color of the front ring design of the front ring | product designation | Indicator lights |
| product type designation product line Plastic, black, 22 mm Enclosure number of command points 1 Actuator design of the actuating element principle of operation of the actuating element Fixed key product extension optional • light source Yes • contact module Yes color of the actuating element plastic shape of the actuating element round outer diameter of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) Front ring product component front ring Yes design of the front ring plastic color of the front ring plastic salary of the actuating element and the front ring plastic color of the front ring plastic design of the front ring plastic color of the front ring color of the front ring color of the front ring design of the front ring plastic color of the front ring design of the front ring plastic color of the front ring design of the front ring | design of the product | Actuating/signaling element |
| Enclosure number of command points Actuator design of the actuating element principle of operation of the actuating element product extension optional • light source • contact module color of the actuating element plastic shape of the actuating element outer diameter of the actuating element product component front ring product component front ring design of the front ring solor of the actuating element plastic standard product component front ring standard material of the front ring color of the front ring plastic color of the front ring plastic color of the front ring standard protection class IP degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 vibration resistance • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions • ambient temperature during operation - 25 +70 °C | product type designation | 3SU1 |
| number of command points 1 Actuator design of the actuating element Illiuminated pushbutton design principle of operation of the actuating element product extension optional • light source Yes • contact module Yes color of the actuating element blue material of the actuating element plastic shape of the actuating element round outer diameter of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) Front ring Yes design of the front ring Standard material of the front ring plastic color of the front ring plastic color of the front ring black General technical data protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms • acc. to IEC 60068-2-6 10 500 Hz: 5g • for railway applications acc. to DIN EN 61373 Category 1, Class B reference code acc, to IEC 81346-2 S Ambient conditions • ambient temperature during operation -25 +70 °C | product line | Plastic, black, 22 mm |
| Actuator design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element product extension optional light source color of the actuating element pastic shape of the actuating element plastic shape of the actuating element pouter diameter of the actuating element product component from tring product component front ring product component front ring product component front ring product component front ring protection class IP degree of protection NEMA rating shock resistance acc. to IEC 60068-2-27 for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions lilluminated pushbutton design Fixed key Fixe | Enclosure | |
| design of the actuating element principle of operation of the actuating element product extension optional • light source • contact module color of the actuating element material of the actuating element outer diameter of the actuating element marking of the actuating element marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring plastic color of the front ring glastic color of the front ring black General technical data protection class IP degree of protection NEMA rating • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 vibration resistance • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions • ambient temperature during operation -25 +70 °C Illuminated pushbutton design Fixed key Fix | number of command points | 1 |
| principle of operation of the actuating element product extension optional • light source • contact module color of the actuating element material of the actuating element outer diameter of the actuating element marking of the actuating element marking of the actuating element product component front ring product component front ring design of the front ring material of the front ring plastic color of the front ring plastic color of the front ring general technical data protection class IP degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient temperature during operation Fixed key Yes Yes Yes Abuse Yes Alle Yes Alle Ay inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) Front ring Yes Standard plastic color of the front ring plastic color of the fron | Actuator | |
| product extension optional light source Yes | design of the actuating element | Illuminated pushbutton design |
| Iight source Yes | principle of operation of the actuating element | Fixed key |
| color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element outer diameter of the actuating element marking of the actuating element any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) Front ring product component front ring yes design of the front ring color of the front ring plastic color of the front ring black General technical data protection class IP degree of protection NEMA rating shock resistance acc. to IEC 60068-2-27 for railway applications acc. to DIN EN 61373 vibration resistance acc. to IEC 60068-2-6 for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions ambient temperature during operation -25 +70 °C | product extension optional | |
| color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element product component front ring product component front ring general et actuating element protection class IP degree of protection NEMA rating shock resistance acc. to IEC 60068-2-27 for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions e ambient temperature during operation plastic p | light source | Yes |
| material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) Front ring product component front ring design of the front ring standard material of the front ring color of the front ring black General technical data protection class IP degree of protection NEMA rating shock resistance acc. to IEC 60068-2-27 for railway applications acc. to DIN EN 61373 vibration resistance acc. to IEC 60068-2-6 for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions acc. to IEC 81346-2 Ambient temperature during operation -25 +70 °C | contact module | Yes |
| shape of the actuating element outer diameter of the actuating element marking of the actuating element Pront ring product component front ring design of the front ring material of the front ring color of the front ring protection class IP degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 vibration resistance • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions • ambient temperature during operation round 29.5 mm Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configurator/Levi or symbol, can only be ordered via SIRIUS ACT configurator/Levi or symbol, can only be ordered via SIRIUS ACT configurator/Levi or symbol, can only be ordered via SIRIUS ACT configurator/Levi or symbol, can only be ordered via SIRIUS ACT configurator/Levi or symbol, can only be ordered via SIRIUS ACT configurator/Levi or symbol, can only be ordered via SIRIUS ACT configurator/Levi or symbol, can only be ordered via SIRIUS ACT configurator/Configurator/Levi or symbol, can only be ordered via SIRIUS ACT configurator/Configurator/Levi or symbol, can only be ordered via SIRIUS ACT configurator/Configurator/Levi or symbol, can only be ordered via SIRIUS ACT configurator/Configurator/ | color of the actuating element | blue |
| outer diameter of the actuating element marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration/Configuration Identification Number (CIN) Front ring product component front ring design of the front ring material of the front ring color of the front ring general technical data protection class IP degree of protection NEMA rating shock resistance acc. to IEC 60068-2-27 for railway applications acc. to DIN EN 61373 vibration resistance acc. to IEC 60068-2-6 for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions and any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) Front ring Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) Front ring Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) Front ring Yes Standard plastic black General technical data protection class IP IP66, IP67, IP69(IP69K) 1, 2, 3, 3R, 4, 4X, 12, 13 Sinusoidal half-wave 50g / 11 ms Category 1, Class B Vibration resistance acc. to IEC 80068-2-6 block Category 1, Class B Category 1, Class B Ference code acc. to IEC 81346-2 S Ambient conditions ambient temperature during operation -25 +70 °C | material of the actuating element | plastic |
| marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) Front ring product component front ring design of the front ring material of the front ring Color of the front ring protection class IP degree of protection NEMA rating shock resistance acc. to IEC 60068-2-27 for railway applications acc. to DIN EN 61373 vibration resistance acc. to IEC 60068-2-6 for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions and any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration ldentification Number (CIN) Yes Standard plastic plack IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 Sinusoidal half-wave 50g / 11 ms Category 1, Class B Vibration resistance acc. to IEC 60068-2-6 5 Category 1, Class B Feference code acc. to IEC 81346-2 S Ambient conditions ambient temperature during operation -25 +70 °C | shape of the actuating element | round |
| product component front ring product component front ring design of the front ring material of the front ring color of the front ring protection class IP degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions • ambient temperature during operation Yes Standard Pyes As a configuration Identification Number (CIN) Yes Standard Pyes Lefe (P67, IP69) IP66, IP67, IP69(IP69K) I, 2, 3, 3R, 4, 4X, 12, 13 Shock resistance • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms Category 1, Class B Category 1, Class B | outer diameter of the actuating element | 29.5 mm |
| product component front ring design of the front ring material of the front ring color of the front ring plastic black General technical data protection class IP degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 vibration resistance • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 reference code acc. to IEC 81346-2 Ambient conditions • ambient temperature during operation Yes Standard Ples Standard Ples Standard Plastic Standard Standard Plastic Standard Standard Plastic Standard Plastic Standard | marking of the actuating element | |
| design of the front ring material of the front ring plastic color of the front ring General technical data protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms • for railway applications acc. to DIN EN 61373 vibration resistance • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 category 1, Class B vibration resistance • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 Category 1, Class B reference code acc. to IEC 81346-2 S Ambient conditions • ambient temperature during operation -25 +70 °C | Front ring | |
| material of the front ring color of the front ring black General technical data protection class IP degree of protection NEMA rating shock resistance eac. to IEC 60068-2-27 for railway applications acc. to DIN EN 61373 vibration resistance eac. to IEC 60068-2-6 for railway applications acc. to DIN EN 61373 category 1, Class B vibration resistance for railway applications acc. to DIN EN 61373 category 1, Class B reference code acc. to IEC 81346-2 S Ambient conditions eambient temperature during operation -25 +70 °C | product component front ring | Yes |
| color of the front ring General technical data protection class IP degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 sinusoidal half-wave 50g / 11 ms • for railway applications acc. to DIN EN 61373 vibration resistance • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 category 1, Class B vibration resistance • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 Category 1, Class B reference code acc. to IEC 81346-2 S Ambient conditions • ambient temperature during operation -25 +70 °C | design of the front ring | Standard |
| General technical data protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • acc. to IEC 60068-2-27 Sinusoidal half-wave 50g / 11 ms • for railway applications acc. to DIN EN 61373 Category 1, Class B vibration resistance • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 Category 1, Class B reference code acc. to IEC 81346-2 S Ambient conditions • ambient temperature during operation -25 +70 °C | material of the front ring | plastic |
| protection class IP degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 vibration resistance • acc. to IEC 60068-2-6 • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 Category 1, Class B vibration resistance • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 Category 1, Class B reference code acc. to IEC 81346-2 S Ambient conditions • ambient temperature during operation -25 +70 °C | color of the front ring | black |
| degree of protection NEMA rating shock resistance • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 vibration resistance • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 category 1, Class B vibration resistance • for railway applications acc. to DIN EN 61373 category 1, Class B reference code acc. to IEC 81346-2 S Ambient conditions • ambient temperature during operation -25 +70 °C | General technical data | |
| shock resistance • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 vibration resistance • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 Category 1, Class B vibration resistance • for railway applications acc. to DIN EN 61373 Category 1, Class B Category 1, Class B reference code acc. to IEC 81346-2 S Ambient conditions • ambient temperature during operation -25 +70 °C | protection class IP | IP66, IP67, IP69(IP69K) |
| acc. to IEC 60068-2-27 sinusoidal half-wave 50g / 11 ms for railway applications acc. to DIN EN 61373 category 1, Class B vibration resistance | degree of protection NEMA rating | 1, 2, 3, 3R, 4, 4X, 12, 13 |
| • for railway applications acc. to DIN EN 61373 | shock resistance | |
| vibration resistance | • acc. to IEC 60068-2-27 | Sinusoidal half-wave 50g / 11 ms |
| acc. to IEC 60068-2-6 for railway applications acc. to DIN EN 61373 Category 1, Class B reference code acc. to IEC 81346-2 Ambient conditions ambient temperature during operation -25 +70 °C | • for railway applications acc. to DIN EN 61373 | Category 1, Class B |
| ◆ for railway applications acc. to DIN EN 61373 Category 1, Class B reference code acc. to IEC 81346-2 Ambient conditions ◆ ambient temperature during operation -25 +70 °C | vibration resistance | |
| reference code acc. to IEC 81346-2 S Ambient conditions | • acc. to IEC 60068-2-6 | 10 500 Hz: 5g |
| Ambient conditions ● ambient temperature during operation -25 +70 °C | • for railway applications acc. to DIN EN 61373 | Category 1, Class B |
| ◆ ambient temperature during operation −25 +70 °C | reference code acc. to IEC 81346-2 | S |
| 3 Transition (1) | Ambient conditions | |
| • ambient temperature during storage -40 +80 °C | ambient temperature during operation | -25 +70 °C |
| | ambient temperature during storage | -40 +80 °C |

| environmental category during operation acc. to IEC 60721 | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95 %) |
|---|---|
| Installation/ mounting/ dimensions | |
| height | 29.5 mm |
| width | 29.5 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 | 24.3 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=3SU1001-0AD50-0AA0-Z Y19

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1001-0AD50-0AA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1001-0AD50-0AA0-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=3SU1001-0AD50-0AA0-Z Y19&lang=en

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