SIEMENS

Data sheet



RONIS key-operated switch, 22 mm, round, plastic, lock number 455, with 2 keys, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, key removal O, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

| product designation Key-operated switches design of the product Actuating/signaling element product type designation 3SU1 product tine Plastic, black, 22 mm manufacturer's article number of included key 3SU1680-0FC80-0AA0 Actuator principle of operation of the actuating element latching, 90° (10:30 h/13:30 h) product extension optional light source No color of the actuating element silver material of the actuating element metal shape of the actuating element 29.5 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 switching positions 2 switch position for key distraction O actuating angle o | product brand name | SIRIUS ACT |
|--|--|----------------------------------|
| design of the product product type designation product time product time Plastic, black, 22 mm Plastic, black, 22 mm product time manufacturer's article number of included key Actuator principle of operation of the actuating element product extension optional light source of the actuating element material of the actuating element material of the actuating element shape of the actuating element material of the actuating element material 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) number of switching positions 2 switch position for key distraction actuating angle clockwise 90° lock make RONIS key number 455 Front ring product component front ring general technical data protection class IP of the front ring color of the front ring protection class IP of the terminal degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance according to IEC 60068-2-27 in resilvay applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B | · | |
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| product line manufacturer's article number of included key 38U1980-9FC80-0AA0 Aduator principle of operation of the actuating element product extension optional light source No ocolor • of the actuating element material of the actuating element material of the actuating element material of the actuating element Metal shape of the actuating element Many inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of switching positions 2 switch position for key distraction Ocatuating angle • clockwise 90° lock make RONIS key number Metal SiRIUS ACT Standard Metal SiRIUS ACT Stan | | |
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| mechanical service life (operating cycles) typical 1 000 000 | for railway applications according to EN 61373 | Category 1, Class B |
| | operating frequency maximum | 1 800 1/h |
| reference code according to IEC 81346-2 | mechanical service life (operating cycles) typical | 1 000 000 |
| | reference code according to IEC 81346-2 | S |

| Substance Prohibitance (Date) | 10/01/2014 | |
|--|--|--|
| 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, 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 | 49.4 mm | |
| installation width | 29.5 mm | |
| installation depth | 25.4 mm | |
| Certificates/ approvals | | |
| 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=3SU1000-4CF01-0AA0-Z Y19

Cax online generator

t.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-4CF01-0AA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-4CF01-0AA0-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=3SU1000-4CF01-0AA0-Z Y19&lang=en

| last modified: | 1/26/2022 |
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