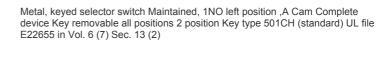
SIEMENS

Data sheet US2:52SC6AEK0





| product brand name | SIEMENS Pilot Devices | |
|---|---|--|
| design of the product | | |
| Enclosure | Complete unit round | |
| | 1 | |
| number of command points | No | |
| delivery state as a kit | NO | |
| Actuator | W 1 1 1 1 1 1 | |
| design of the actuating element | Key-operated switch | |
| product extension optional light source | No | |
| color of the actuating element | silver | |
| material of the actuating element | metal | |
| number of contact modules | 1 | |
| type of unlocking device | key unlatching | |
| number of switching positions | 2 | |
| switch position for key distraction | removable in every position | |
| lock make | ILLINOIS | |
| key number | 501CH | |
| Front ring | | |
| product component front ring | Yes | |
| design of the front ring | standard | |
| material of the front ring | metal | |
| color of the front ring | chrome | |
| Holder | | |
| material of the holder | Metal | |
| General technical data | | |
| product function positive opening | No | |
| product component light source | No | |
| insulation voltage rated value | 600 V | |
| degree of pollution | 1 | |
| type of voltage of the operating voltage | AC/DC | |
| surge voltage resistance rated value | 4 kV | |
| protection class IP | IP66 | |
| of the terminal | IP20 | |
| vibration resistance according to IEC 60068-2-6 | 0 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max. | |
| operating frequency maximum | 600 1/h | |
| thermal current | 10 A | |
| operating voltage | | |
| at AC at 60 Hz rated value | 5 600 V | |
| at DC rated value | 5 600 V | |
| Power Electronics | | |
| contact reliability | one incorrect switching operation of 100 million switching operations (5 V, 1 | |

| | mA) |
|--|---|
| Auxiliary circuit | , |
| number of NC contacts for auxiliary contacts | 0 |
| number of NO contacts for auxiliary contacts | 1 |
| operational current at AC-15 | |
| at 110 V rated value | 60 A |
| at 230 V rated value | 30 A |
| at 400 V rated value | 15 A |
| at 500 V rated value | 12 A |
| Connections/ Terminals | |
| type of electrical connection | screw-type terminals |
| type of connectable conductor cross-sections for AWG cables for auxiliary contacts | 1x (18 12), 2x (18 16), 2x (16 14), 2x 12 |
| tightening torque of the screws in the bracket | 20 N·m |
| tightening torque [lbf-in] with screw-type terminals | 8 lbf·in |
| Safety related data | |
| touch protection against electrical shock | finger-safe |
| Ambient conditions | |
| ambient temperature | |
| during operation | -35 +70 °C |
| during storage | -40 +85 °C |
| Installation/ mounting/ dimensions | |
| shape of the installation opening | round |
| 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=US2:52SC6AEK0

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=US2:52SC6AEK0}}$

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/US2:52SC6AEK0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:52SC6AEK0&lang=en

| last modified: | 12/21/2020 | |
|----------------|------------|--|

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