SIEMENS

## Data sheet US2:52SC6AXJ1

30mm Command/52, Chrome Finish Heavy Duty,Watertight/Oiltight Complete Metal Unit Non-Illuminated Keyed Selector Switch 2 Position, A-CAM Spring Return from Right Lock type 501CH with 2 Keys Key Removale - Center Position with 1 N.C. Heavy Duty Contacts, A600/P600 UL Listed, CSA Certified UL File E22655 in Vol. 6 (7) Sec. 13 (2) NEMA 1,3,3R,4,4X,12,13 & Automotive Standards



| | |
|---|---|
| **product brand name** | SIEMENS Pilot Devices |
| **design of the product** | Complete unit round |
| **Enclosure** | |
| **number of command points** | 1 |
| delivery state as a kit | No |
| **Actuator** | |
| **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** | without |
| **number of switching positions** | 2 |
| **switch position for key distraction** | center |
| **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 | Yes |
| 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 |


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| | |
|---|---|
| | mA) |
| **Auxiliary circuit** | |
| **number of NC contacts for auxiliary contacts** | 1 |
| **number of NO contacts for auxiliary contacts** | 0 |
| **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 terminal |
| 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 maximum** | 20 N·m |
| tightening torque [lbf·in] with screw-type terminals minimum | 8 lbf·in |
| Electrical Safety | |
| **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 |
| **Further information** | |

**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=US2:52SC6AXJ1
**Cax online generator**
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52SC6AXJ1
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/US2:52SC6AXJ1
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:52SC6AXJ1&lang=en

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