

30mm Command/52, Chrome Finish Heavy Duty, Watertight/Oiltight Complete Metal Unit Non-Illuminated Keyed Selector Switch 2 Position, A-CAM Maintained Lock type 501CH with 2 Keys Key Removal in All Positions with 2 N.O. - 2 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



Figure similar

<b>Product brand name</b>	SIEMENS Pilot Devices
<b>Design of the product</b>	Complete unit round
<b>Enclosure</b>	
<b>Number of command points</b>	1
<b>Delivery state</b>	No
• as a kit	
<b>Actuator</b>	
<b>Design of the operating mechanism</b>	Key-operated switch
<b>Product extension optional Light source</b>	No
<b>Color</b>	
• of the actuating element	silver
<b>Material of the actuating element</b>	metal
<b>Number of contact modules</b>	2
<b>Type of unlocking device</b>	key unlatching
<b>Number of switching positions</b>	2
<b>Switch position for key distraction</b>	removable in every position
<b>Lock make</b>	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

<b>Product function</b>	
• positive opening	Yes
<b>Product component</b>	
• Light source	No
<b>Insulation voltage</b>	
• rated value	600 V
<b>Degree of pollution</b>	1
<b>Type of voltage</b>	
• of the operating voltage	AC/DC
<b>Surge voltage resistance rated value</b>	4 kV
<b>Protection class IP</b>	IP66
• of the terminal	IP20
<b>Vibration resistance</b>	
• acc. to IEC 60068-2-6	0 ... 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10g max.
<b>Operating frequency maximum</b>	600 1/h
<b>Thermal current</b>	10 A
<b>Operating voltage</b>	
• at AC	
— at 60 Hz rated value	5 ... 600 V
• at DC rated value	5 ... 600 V

### Power Electronics

<b>Contact reliability</b>	one incorrect switching operation of 100 million switching operations (5 V, 1 mA)
----------------------------	---

### Auxiliary circuit

<b>Number of NC contacts for auxiliary contacts</b>	2
<b>Number of NO contacts for auxiliary contacts</b>	2
<b>Operating current at AC-15</b>	
• 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

<b>Type of electrical connection</b>	screw-type terminals
<b>Type of connectable conductor cross-sections</b> <ul style="list-style-type: none"><li>• at AWG conductors for auxiliary contacts</li></ul>	1x (18 ... 12), 2x (18 ... 16), 2x (16 ... 14), 2x 12
<b>Tightening torque of the screws in the bracket</b>	20 N·m
<b>Tightening torque [lbf·in]</b> <ul style="list-style-type: none"><li>• with screw-type terminals</li></ul>	8 lbf·in

## Safety related data

<b>Protection against electrical shock</b>	finger-safe
--	-------------

## Ambient conditions

<b>Ambient temperature</b> <ul style="list-style-type: none"><li>• during operation</li><li>• during storage</li></ul>	-35 ... +70 °C -40 ... +85 °C
--	----------------------------------

## Installation/ mounting/ dimensions

<b>Shape of the installation opening</b>	round
--	-------

## Certificates/ approvals

## Further information

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

[www.siemens.com/ic10](http://www.siemens.com/ic10)

### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=US2:52SC6AEA2>

### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52SC6AEA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/US2:52SC6AEA2>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=US2:52SC6AEA2&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:52SC6AEA2&lang=en)

last modified:

12/18/2019