

Keyed selector switch, metal Maintained C Cam 1NO-1NC left, 1NO-1NC right 3 position Complete device Key type 501CH (standard) Key removable all positions UL file E22655 in Vol. 6 (7) Sec. 13 (2)

<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 as a kit</b>	No
<b>Actuator</b>	
<b>design of the actuating element</b>	Key-operated switch
<b>product extension optional light source</b>	No
<b>color of the actuating element</b>	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>	3
<b>switch position for key distraction</b>	removable in every position
<b>lock make</b>	ILLINOIS
<b>key number</b>	501CH
<b>Front ring</b>	
<b>product component front ring</b>	Yes
<b>design of the front ring</b>	standard
<b>material of the front ring</b>	metal
<b>color of the front ring</b>	chrome
<b>Holder</b>	
<b>material of the holder</b>	Metal
<b>General technical data</b>	
<b>product function positive opening</b>	Yes
<b>product component light source</b>	No
<b>insulation voltage rated value</b>	600 V
<b>degree of pollution</b>	1
<b>type of voltage of the operating voltage</b>	AC/DC
<b>surge voltage resistance rated value</b>	4 kV
<b>protection class IP</b>	IP66
<b>protection class IP of the terminal</b>	IP20
<b>vibration resistance according to IEC 60068-2-6</b>	0 ... 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10 g max.
<b>operating frequency maximum</b>	600 1/h
<b>thermal current</b>	10 A
<b>Net Weight</b>	4.536 g
<b>operating voltage</b>	
• at AC at 60 Hz rated value	5 ... 600 V
• at DC rated value	5 ... 600 V
<b>Power Electronics</b>	
<b>contact reliability</b>	one incorrect switching operation of 100 million switching operations (5 V, 1 mA)
<b>Auxiliary circuit</b>	
<b>number of NC contacts for auxiliary contacts</b>	2
<b>number of NO contacts for auxiliary contacts</b>	2
<b>operational 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 terminal
type of connectable conductor cross-sections for AWG cables for auxiliary contacts	1x (18 ... 12), 2x (18 ... 16), 2x (16 ... 14), 2x 12
<b>tightening torque of the screws in the bracket maximum</b>	20 N·m
tightening torque [lbf·in] with screw-type terminals minimum	8 lbf·in

#### Electrical Safety

<b>touch protection against electrical shock</b>	finger-safe
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#### Ambient conditions

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

#### Installation/ mounting/ dimensions

<b>shape of the installation opening</b>	round
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#### Further information

##### Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

##### Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

##### 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=US2:52SC6CEA2>

##### Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52SC6CEA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/US2:52SC6CEA2>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=US2:52SC6CEA2&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:52SC6CEA2&lang=en)

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