SIEMENS

Data sheet US2:52SC6AXK1

Keyed selector switch, metal Spring return from right A Cam 1NO left, 2 position Complete device Key type 501CH (standard) Key removable in left position UL file E22655 in Vol. 6 (7) Sec. 13 (2)

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	chrome
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	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
protection class IP of the terminal	IP20
vibration resistance according to IEC 60068-2-6	0 ... 2000 Hz, 1.52 mm displacement (peak-to-peak) max./ 10 g max.
operating frequency maximum	600 1/h
thermal current	10 A
Net Weight	0.11 kg
operating voltage	
• at AC at 60 Hz rated value	5 ... 600 V
• **at DC rated value**	5 ... 600 V

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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 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 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=US2:52SC6AXK1
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52SC6AXK1
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/US2:52SC6AXK1
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:52SC6AXK1&lang=en

last modified: 4/6/2026

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