## **SIEMENS**

Data sheet US2:52SC6BGK1

OUTLATING BULL BULL

Metal, keyed selector switch Maintained.1NO left position B Cam Complete device Key removable in left position 3 position Key type 501CH (standard) UL file E22655 in Vol. 6 (7) Sec. 13 (2)



design of the product  Enclosure  number of command points  delivery state as a kit  No  Actuator  design of the actuating element product extension optional light source  color of the actuating element material of the actuating element number of contact modules  type of unlocking device number of switching positions switch position for key distraction lock make key number  Front ring product component front ring design of the front ring color of the front ring material of the holder material of the holder  Metal  Ceneral technical data product component light source No Insulation voltage rated value degree of pollution 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	product brand name	SIEMENS Pilot Devices
number of command points  delivery state as a kit  No  Actuator  design of the actuating element  product extension optional light source color of the actuating element material of the actuating element material of the actuating element mumber of contact modules 1 type of unlocking device number of switching positions 3 switch position for key distraction lock make key unlatching lock make lillinols key number  Front ring  product component front ring design of the front ring material of the front ring color of the front ring material of the holder  Metal  General technical data product function positive opening product component light source No insulation voltage rated value degree of pollution 1 type of voltage resistance rated value 4 kV protection class IP IP66	design of the product	Complete unit round
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 3 switch position for key distraction right lick make ILLINOIS key number 501CH  Front ring product component front ring standard material of the front ring metal color of the front ring metal color of the front ring material of the holder Metal Ceneral technical data product component light source No insulation voltage rated value 600 V degree of pollution 1 type of voltage of the operating voltage of the corated value 4 kV protection class IP IP66	Enclosure	
Actuator  design of the actuating element product extension optional light source color of the actuating element material of the actuating element number of contact modules 1 type of unlocking device number of switching positions 3 switch position for key distraction lock make lLLINOIS key number source front ring product component front ring design of the front ring material of the holder color of the front ring material of the holder material of the holder  General technical data product function positive opening product component light source No insulation voltage rated value degree of pollution 1 type of voltage of the operating voltage surge voltage resistance rated value 4 kV protection class IP	number of command points	1
design of the actuating element product extension optional light source No color of the actuating element material of the actuating element number of contact modules 1 type of unlocking device number of switching positions 3 switch position for key distraction lock make ILLINOIS key number Front ring product component front ring design of the front ring material of the front ring material of the holder material of the holder Metal  General technical data product component light source no insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value 4 kV protection class IP India  India  Residue Silver  No	delivery state as a kit	No
product extension optional light source color of the actuating element material of the actuating element number of contact modules type of unlocking device number of switching positions 3 switch position for key distraction lock make ILLINOIS key number Front ring product component front ring design of the front ring material of the front ring material of the holder material of the source note the front ring product component light source note the front ring No product component light source insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value 4 kV protection class IP	Actuator	
color of the actuating element material of the actuating element number of contact modules 1 type of unlocking device key unlatching number of switching positions 3 switch position for key distraction lock make ILLINOIS key number Front ring product component front ring design of the front ring color of the front ring material of the front ring color of the front ring material of the holder Metal  General technical data product function positive opening product component light source insulation voltage rated value 600 V degree of pollution type of voltage of the operating voltage surge voltage resistance rated value 4 kV protection class IP IELINOIS  Ne surge voltage resistance rated value 1 development 1 silver metal 1 netal 1 color of the front ring No No No Insulation voltage resistance rated value 4 kV protection class IP	design of the actuating element	Key-operated switch
material of the actuating element metal number of contact modules 1  type of unlocking device key unlatching number of switching positions 3  switch position for key distraction right 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 throng 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	product extension optional light source	No
number of contact modules  type of unlocking device  number of switching positions  switch position for key distraction  lock make  ILLINOIS  key number  Front ring  product component front ring  design of the front ring  material of the front ring  color of the front ring  material of the holder  material of the holder  Metal  General technical data  product function positive opening  product component light source  insulation voltage rated value  degree of pollution  type of voltage of the operating voltage  surge voltage resistance rated value  4 kV  protection class IP	color of the actuating element	silver
type of unlocking device key unlatching number of switching positions 3 switch position for key distraction right 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	material of the actuating element	metal
number of switching positions  switch position for key distraction  lock make  ILLINOIS  key number  Front ring  product component front ring  design of the front ring  material of the front ring  material of the front ring  material of the holder  material of the holder  Metal  General technical data  product function positive opening  product component light source  insulation voltage rated value  degree of pollution  type of voltage of the operating voltage  surge voltage resistance rated value  4 kV  protection class IP	number of contact modules	1
switch position for key distraction lock make liLLINOIS key number 501CH  Front ring  product component front ring design of the front ring material of the front ring color of the front ring material of the holder  material of the holder Metal  General technical data  product component light source insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value  4 kV protection class IP  IYes  Jonath Holder  Metal  Residuacy  Alexandre  Metal  Metal  Metal  General technical data  No  No  Insulation voltage rated value AC/DC  surge voltage resistance rated value A kV  Protection class IP	type of unlocking device	key unlatching
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	number of switching positions	3
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	switch position for key distraction	right
Front ring  product component front ring  design of the front ring  material of the front ring  color of the front ring  tholder  material of the holder  Metal  General technical data  product function positive opening  product component light source  insulation voltage rated value  degree of pollution  type of voltage of the operating voltage  surge voltage resistance rated value  4 kV  protection class IP	lock make	ILLINOIS
product component front ring  design of the front ring  material of the front ring  color of the front ring  material of the holder  material of the holder  Metal  General technical data  product function positive opening  product component light source insulation voltage rated value  degree of pollution  type of voltage of the operating voltage  surge voltage resistance rated value  4 kV  protection class IP	key number	501CH
design of the front ring material of the front ring color of the front ring chrome  Holder material of the holder Metal  General technical data product function positive opening product component light source insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value  AC/DC surge voltage resistance rated value  Final Ac/DC  Surge voltage resistance rated value  AC/DC  Surge voltage resistance rated value  Final Ac/DC  Final A	Front ring	
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	product component front ring	Yes
color of the front ring  Chrome  Holder  material of the holder  General technical data  product function positive opening  product component light source  insulation voltage rated value  degree of pollution  type of voltage of the operating voltage  surge voltage resistance rated value  protection class IP  Chrome  Metal  Metal  No  No  No  No  AC/DC	design of the front ring	standard
Holder material of the holder  General technical data  product function positive opening     No product component light source insulation voltage rated value  degree of pollution type of voltage of the operating voltage surge voltage resistance rated value  protection class IP  Metal  No  No  No  No  AC/DC	material of the front ring	metal
material of the holder  General technical data  product function positive opening     No  product component light source     No  insulation voltage rated value  degree of pollution     type of voltage of the operating voltage  surge voltage resistance rated value  protection class IP  Metal  Metal  Metal  AC/DC	color of the front ring	chrome
product function positive opening product component light source No insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value protection class IP  No AC/DC IP66	Holder	
product function positive opening Product component light source No Insulation voltage rated value Output O	material of the holder	Metal
product component light source  insulation voltage rated value  600 V  degree of pollution  type of voltage of the operating voltage  surge voltage resistance rated value  protection class IP  No  600 V  AC/DC  4 kV	General technical data	
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	product function positive opening	No
degree of pollution  type of voltage of the operating voltage  surge voltage resistance rated value  protection class IP  1  AC/DC  4 kV  IP66	product component light source	No
type of voltage of the operating voltage  AC/DC  surge voltage resistance rated value  protection class IP  IP66	insulation voltage rated value	600 V
surge voltage resistance rated value 4 kV protection class IP IP66	degree of pollution	1
protection class IP IP66	type of voltage of the operating voltage	AC/DC
	surge voltage resistance rated value	4 kV
a of the terminal	protection class IP	IP66
• or the terminal IP20	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.	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	operating frequency maximum	600 1/h
thermal current 10 A	thermal current	10 A
operating voltage	operating voltage	
• at AC at 60 Hz rated value 5 600 V	<ul> <li>at AC at 60 Hz rated value</li> </ul>	5 600 V
• at DC rated value 5 600 V	<ul> <li>at DC rated value</li> </ul>	5 600 V
Power Electronics	Power Electronics	
contact reliability one incorrect switching operation of 100 million switching operations (5 V, 1	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	
<ul> <li>during operation</li> </ul>	-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=US2:52SC6BGK1

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52SC6BGK1
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/US2:52SC6BGK1

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:52SC6BGK1&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:52SC6BGK1&lang=en</a>

last modified:	4/8/2024 (	7