## **SIEMENS**

Data sheet US2:52SC6AFJ1

015145110 011 4 0

Metal, keyed selector switch Maintained, 1NC left position, A Cam Complete device Key removable in left position 2 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  1 type of unlocking device number of switching positions 2 switch position for key distraction lock make key unlatching product component front ring design of the front ring material of the front ring material of the holder  General technical data product component ignt source Netal  Metal  General technical data product dungonerating voltage profuction class IP  No  COMPLE VER  Actuation  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 number of contact modules 1 type of unlocking device number of switching positions 2 switch position for key distraction lock make lillinois key number  front ring product component front ring design of the front ring material of the holder material of the holder  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	•	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 2 switch position for key distraction left lock make ILLINOIS key number SoliCH  Front ring product component front ring standard material of the front ring metal color of the front ring metal octor of the front ring chrome  Holder material of the holder Metal General tochnical data product component light source No insulation voltage rated value 600 V degree of pollution 1 type of voltage of the operating voltage surge voltage resistance rated value 4 kV	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 type of unlocking device number of switching positions 2 switch position for key distraction lock make lLLINOIS key number footte the 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  Ceneral technical data product omponent light source insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value  4 kV	number of command points	1
design of the actuating element product extension optional light source color of the actuating element material of the actuating element mumber of contact modules type of unlocking device number of switching positions 2 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 material of the holder material of the position 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  4 kV	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 1 type of unlocking device number of switching positions 2 switch position for key distraction left 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  General technical data product component light source nisulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value  4 kV	Actuator	
color of the actuating element metal number of contact modules 1 type of unlocking device key unlatching number of switching positions 2 switch position for key distraction left lock make ILLINOIS key number 501CH  Front ring product component front ring Yes design 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	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 2  switch position for key distraction left 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 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	product extension optional light source	No
number of contact modules  type of unlocking device key unlatching  number of switching positions  2  switch position for key distraction left lock make lLLINOIS key number  Front ring  product component front ring	color of the actuating element	silver
type of unlocking device key unlatching number of switching positions 2 switch position for key distraction left 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	material of the actuating element	metal
number of switching positions  switch position for key distraction  left  lock make  llLLINOIS  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  switch positive pelicities  left  leth  left  leth  leth  ves  metal  chrome  Hotal  General  general technical data  product function positive opening  Yes  product component light source  No  insulation voltage rated value  degree of pollution  1  type of voltage of the operating voltage  AC/DC  surge voltage resistance rated value  4 kV	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  lieft left left left left left left lieft lieft lieft lieft lieft lieft lieft lielt lielt lieft lielt lielt lieft lielt lielt lieft lielt lielt lielt lieft lielt lielt lieft lielt lielt lieft lielt lielt lieft lielt lieft lielt liel	type of unlocking device	key unlatching
lock make 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 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    ILLINOIS     ILLINOIS     ILLINOIS     ILLINOIS     ILLINOIS     ILLINOIS     ILLINOIS     ILLINOIS     ILLINOIS     Ves     Wes     Wes     ILLINOIS     Ves     Wes     ILLINOIS     Ves     Wes     ILLINOIS     Ves     Wes     ILLINOIS     Ves     Ves     ILLINOIS     Ves     Ves	number of switching positions	2
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	switch position for key distraction	left
product component 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 type of voltage of the operating voltage surge voltage resistance rated value  4 kV	lock make	ILLINOIS
product component front ring  design of the front ring  material of the front ring  metal  color of the front ring  holder  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	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  4 kV	Front ring	
material of the front ring metal 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	product component front ring	Yes
color of the front ring  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  chrome  Metal  Yes  No  1  No  AC/DC  Surge voltage resistance rated value  4 kV	design of the front ring	standard
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  4 kV	material of the front ring	metal
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  Metal  Metal  Metal  Metal  No  No  AC/DC  Surge voltage resistance rated value  4 kV	color of the front ring	chrome
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	Holder	
product function positive opening  product component light source  No  insulation voltage rated value  600 V  degree of pollution  type of voltage of the operating voltage  surge voltage resistance rated value  4 kV	material of the holder	Metal
product component light source  insulation voltage rated value  600 V  degree of pollution  1  type of voltage of the operating voltage  surge voltage resistance rated value  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	product function positive opening	Yes
degree of pollution 1 type of voltage of the operating voltage AC/DC surge voltage resistance rated value 4 kV	product component light source	No
type of voltage of the operating voltage AC/DC surge voltage resistance rated value 4 kV	insulation voltage rated value	600 V
surge voltage resistance rated value 4 kV	degree of pollution	1
	type of voltage of the operating voltage	AC/DC
protection class IP IP66	surge voltage resistance rated value	4 kV
	protection class IP	IP66
• of 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	y
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
<ul> <li>at 400 V rated value</li> </ul>	15 A
• at 500 V rated value	12 A
Connections/ Terminals	
type of electrical connection	screw-type terminals
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	20 N·m
tightening torque [lbf·in] with screw-type terminals	8 lbf·in
Safety related data	
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
Certificates/ approvals	
Further information	

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=US2:52SC6AFJ1

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=US2:52SC6AFJ1}$ 

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<a href="https://support.industry.siemens.com/cs/ww/en/ps/US2:52SC6AFJ1">https://support.industry.siemens.com/cs/ww/en/ps/US2:52SC6AFJ1</a>
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:52SC6AFJ1&lang=en

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