SIEMENS

Data sheet US2:52SA2CCBA1

Selector swich, metal Spring return from right Short lever 1NO-1NC left, right 3 Position, C Cam Complete device white insert Non-Illuminated UL file E22655 in Vol. 6 (7) Sec. 13 (2)



number of command points 1 delivery state as kit No Actuator material of the actuating element plastic number of contact modules 1 type of unlocking device rotate-to-unlatch mechanism number of switching positions 3 Front ring Yes design of the front ring standard material of the front ring metal General technical data product component vestion vestion	Enclosure	
material of the actuating element plastic number of contact modules 1 type of unlocking device rotate-to-unlatch mechanism number of switching positions 3 Front ring product component front ring yes design of the front ring standard material of the front ring metal Ceneral technical data product function positive opening Yes product component light source No light source light source No light source light source No light source ligh	number of command points	1
material of the actuating element number of contact modules 1 type of unlocking device number of switching positions 3 Front ring product component front ring design of the front ring material of the front ring metal General technical data product component light source light source light source No insulation voltage rated value 600 V protection class IP of the terminal IP20 operating frequency maximum thermal current 10 A Auxiliary circuit number of NC contacts for auxiliary contacts 1 operational current at AC-15 e at 110 V rated value 15 A e at 1500 V rated value 15 A e at 500 V rated value 15 A e at 600 Ferminals type of electrical connection tightening torque of the scrows in the bracket tightening torque of the scrows in the bracket tightening torque of the scrows in the bracket uniquing operation 40 uning operation 40 uning operation 40 uning storage 40 +85 °C	delivery state as a kit	No
number of contact modules type of unlocking device number of switching positions Front ring product component front ring design of the front ring material of the front ring material of the front ring metal General technical data product function positive opening product component light source	Actuator	
type of unlocking device number of switching positions Front ring product component front ring design of the front ring material of the front ring General technical data product function positive opening product component • light source No insulation voltage rated value protection class IP of the terminal protection class IP of the terminal operating frequency maximum from themal current 10 A Auxillary circuit number of NC contacts for auxillary contacts 1 number of NC contacts for auxillary contacts 1 operational current at AC-15 • at 110 V rated value • at 230 V rated value • at 400 V rated value 15 A • at 500 V rated value 15 A • at 500 V rated value 12 A Connections/ Terminals type of electrical connection tightening torque (libf-in) with screw-type terminals tightening torque (libf-in) with screw-type terminals ambient temperature • during operation • during storage 40 u- *85 °C	material of the actuating element	plastic
number of switching positions Front ring product component front ring design of the front ring material of the front ring material of the front ring metal General technical data product component • light source No insulation voltage rated value protection class IP eof terminal product component • light source No insulation voltage rated value protection class IP product component • light source No insulation voltage rated value protection class IP product component • of the terminal IP20 operating frequency maximum foou 1th thermal current 10 A Auxiliary circuit number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 operational current at AC-15 • at 110 V rated value • at 230 V rated value • at 400 V rated value 15 A • at 500 V rated value 15 A • at 500 V rated value 12 A Connections/ Torminals type of electrical connection tightening torque of the screw-lype terminals tightening torque of the screw-lype terminals tightening torque of the screw-lype terminals ambient temperature • during operation • during storage • 40 +85 °C	number of contact modules	1
Pront ring product component front ring standard material of the front ring metal General technical data product component Ilipade Ilipade Ilipade	type of unlocking device	rotate-to-unlatch mechanism
product component front ring design of the front ring material of the front ring material of the front ring metal General technical data product function positive opening Product component Insulation voltage rated value protection class IP Operating frequency maximum Operating frequency maximum Operating frequency maximum Operating frequency maximum Operating of NC contacts for auxiliary contacts Operational current at AC-15 Operational current at AC-45 Operational current of NO rated value Operational current Operational	number of switching positions	3
design of the front ring metal General technical data product function positive opening Yes product component • light source No insulation voltage rated value 600 V protection class IP IP20 • of the terminal IP20 operating frequency maximum 600 1/h thermal current 10 A Auxiliary circuit number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 operational current 4 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-type terminals tightening torque of the screws in the bracket 15 Medical Screw-type terminals tightening torque of the screws in the bracket 20 N·m 15 Medical Screw-type terminals ambient temperature • during operation -35 +70 °C • during storage -40 +85 °C	Front ring	
material of the front ring metal General technical data product function positive opening Yes product component light source No insulation voltage rated value 600 V protection class IP IP66 of the terminal IP20 operating frequency maximum 600 1/h thermal current 10 A Auxiliary circuit number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 operational current at AC-15 o at 110 V rated value 60 A o at 230 V rated value 15 A o at 400 V rated value 15 A o at 500 V rated value 12 A Connections/ Terminals type of electrical connection screw-type terminals tightening torque [IbFin] with screw-type terminals tightening torque [IbFin] with screw-type terminals Ambient conditions ambient temperature during operation -35 +70 °C during storage -40 +85 °C	product component front ring	Yes
General technical data product function positive opening product component • light source insulation voltage rated value protection class IP • of the terminal operating frequency maximum for the terminal operating frequency maximum for of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 operational current at AC-15 • at 110 V rated value • at 230 V rated value • at 230 V rated value • at 400 V rated value • at 500 V rat	design of the front ring	standard
product component • light source Insulation voltage rated value Protection class IP • of the terminal Operating frequency maximum Homeon of NC contacts for auxiliary contacts Inumber of NC contacts for auxiliary contacts Inumber of NC contacts for auxiliary contacts Inumber of NC vated value • at 230 V rated value • at 230 V rated value • at 500 V rated value • at	material of the front ring	metal
product component • light source insulation voltage rated value protection class IP • of the terminal operating frequency maximum thermal current number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 • at 110 V rated value • at 230 V rated value • at 400 V rated value • at 500 V rated value 12 A Connections/ Terminals type of electrical connection tightening torque of the screws in the bracket tightening torque of the screw-type terminals ### Ambient conditions ambient temperature • during operation • during storage -35 +70 °C -40 +85 °C	General technical data	
Insulation voltage rated value	product function positive opening	Yes
insulation voltage rated value protection class IP of the terminal operating frequency maximum fermal current 10 A Auxiliary circuit number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts operational current at AC-15 other at 110 V rated value other at 230 V rated value other at 500 V rated value to 15 A other at 500 V rated value to 20 A other at 500 V rated value tightening torque [lbf in] with screw-type terminals tightening torque [lbf in] with screw-type terminals ambient temperature other at 500 V rated value other at 500 V rated value 10 A other at 500 V rated value 11 A other at 500 V rated value 12 A connections/ Terminals type of electrical connection tightening torque [lbf in] with screw-type terminals ambient temperature other at 70 °C	product component	
protection class IP of the terminal IP20 operating frequency maximum food 1/h thermal current 10 A Auxiliary circuit number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts operational current at AC-15 otin at 110 V rated value otin at 230 V rated value otin at 4500 V rated value otin at 500 V rated value type of electrical connection tightening torque of the screws in the bracket tightening torque of the screw-type terminals ambient temperature otin during storage liP20 liP20 liP20 otin 400 L/h to A otin 400 V rated value 15 A otin 400 V rated value 12 A Connections/ Terminals type of electrical connection screw-type terminals tightening torque of the screws in the bracket 20 N·m tightening torque of the screw-type terminals ambient temperature otin 470 °C -40 +85 °C	• light source	No
operating frequency maximum 600 1/h thermal current 10 A Auxiliary circuit number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 operational current at AC-15 • at 110 V rated value • at 230 V rated value • at 400 V rated value • at 500 V rated value 15 A • at 500 V rated value 12 A Connections/ Terminals type of electrical connection tightening torque of the screws in the bracket tightening torque [lbf-in] with screw-type terminals Ambient conditions ambient temperature • during operation • during storage -40 +85 °C	insulation voltage rated value	600 V
operating frequency maximum thermal current 10 A Auxiliary circuit number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 operational current at AC-15 • at 110 V rated value • at 230 V rated value • at 400 V rated value • at 500 V rated value 15 A • at 500 V rated value 12 A Connections/ Terminals type of electrical connection screw-type terminals tightening torque of the screws in the bracket tightening torque of the screw-type terminals Ambient conditions ambient temperature • during operation • during storage • during storage • during storage • during storage	protection class IP	IP66
thermal current Auxiliary circuit number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts 1 operational current at AC-15 • at 110 V rated value • at 230 V rated value • at 400 V rated value 15 A • at 500 V rated value 12 A Connections/ Terminals type of electrical connection screw-type terminals tightening torque of the screws in the bracket tightening torque [lbf-in] with screw-type terminals Ambient conditions ambient temperature • during operation • during storage -40 +85 °C	of the terminal	IP20
Auxiliary circuit number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts operational current at AC-15 • at 110 V rated value • at 230 V rated value • at 400 V rated value • at 500 V rated value 15 A • at 500 V rated value 12 A Connections/ Terminals type of electrical connection tightening torque of the screws in the bracket tightening torque [lbf-in] with screw-type terminals Ambient conditions ambient temperature • during operation • during storage -40 +85 °C	operating frequency maximum	600 1/h
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts operational current at AC-15 • at 110 V rated value • at 230 V rated value • at 400 V rated value • at 500 V rated value 15 A • at 500 V rated value 12 A Connections/ Terminals type of electrical connection screw-type terminals tightening torque of the screws in the bracket 20 N·m tightening torque [lbf·in] with screw-type terminals Ambient conditions ambient temperature • during operation • during storage • during storage -35 +70 °C • during storage	thermal current	10 A
number of NO contacts for auxiliary contacts operational current at AC-15 • at 110 V rated value • at 230 V rated value • at 400 V rated value • at 500 V rated value 11 A Connections/ Terminals type of electrical connection screw-type terminals tightening torque of the screws in the bracket 20 N·m tightening torque [lbf-in] with screw-type terminals Ambient conditions ambient temperature • during operation • during storage -35 +70 °C • during storage -40 +85 °C	Auxiliary circuit	
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-type terminals tightening torque of the screws in the bracket 20 N·m tightening torque [lbf·in] with screw-type terminals 8 lbf·in Ambient conditions ambient temperature • during operation -35 +70 °C • during storage -40 +85 °C	number of NC contacts for auxiliary contacts	1
 at 110 V rated value at 230 V rated value at 400 V rated value at 500 V rated value 2 A Connections/ Terminals type of electrical connection screw-type terminals tightening torque of the screws in the bracket tightening torque [lbf-in] with screw-type terminals Ambient conditions ambient temperature during operation -35 +70 °C during storage -40 +85 °C 	number of NO contacts for auxiliary contacts	1
 at 230 V rated value at 400 V rated value at 500 V rated value 2 A Connections/ Terminals type of electrical connection screw-type terminals tightening torque of the screws in the bracket tightening torque [lbf·in] with screw-type terminals Ambient conditions ambient temperature during operation -35 +70 °C during storage -40 +85 °C 	operational current at AC-15	
 at 400 V rated value at 500 V rated value 12 A Connections/ Terminals type of electrical connection screw-type terminals tightening torque of the screws in the bracket tightening torque [lbf-in] with screw-type terminals 8 lbf-in Ambient conditions ambient temperature during operation -35 +70 °C during storage -40 +85 °C 	• at 110 V rated value	60 A
● at 500 V rated value Connections/ Terminals type of electrical connection screw-type terminals tightening torque of the screws in the bracket 20 N·m tightening torque [lbf·in] with screw-type terminals Ambient conditions ambient temperature ● during operation ● during storage 12 A 20 N·m 5 lbf·in Ambient conditions -35 +70 °C -40 +85 °C	• at 230 V rated value	30 A
type of electrical connection screw-type terminals tightening torque of the screws in the bracket 20 N·m tightening torque [lbf·in] with screw-type terminals 8 lbf·in Ambient conditions ambient temperature • during operation • during storage -40 +85 °C	 at 400 V rated value 	15 A
type of electrical connection screw-type terminals tightening torque of the screws in the bracket 20 N·m tightening torque [lbf·in] with screw-type terminals Ambient conditions ambient temperature • during operation -35 +70 °C • during storage -40 +85 °C	• at 500 V rated value	12 A
tightening torque of the screws in the bracket tightening torque [lbf·in] with screw-type terminals Ambient conditions ambient temperature • during operation • during storage 20 N·m 8 lbf·in -35 +70 °C -40 +85 °C	Connections/ Terminals	
tightening torque [lbf-in] with screw-type terminals Ambient conditions ambient temperature • during operation • during storage 40 +85 °C	type of electrical connection	screw-type terminals
Ambient conditions ambient temperature • during operation • during storage -35 +70 °C -40 +85 °C	tightening torque of the screws in the bracket	20 N·m
ambient temperature ● during operation -35 +70 °C ● during storage -40 +85 °C	tightening torque [lbf·in] with screw-type terminals	8 lbf·in
 during operation during storage -35 +70 °C -40 +85 °C 	Ambient conditions	
• during storage -40 +85 °C	ambient temperature	
	 during operation 	-35 +70 °C
	 during storage 	-40 +85 °C
Installation/ mounting/ dimensions	Installation/ mounting/ dimensions	
shape of the installation opening round	shape of the installation opening	round
Certificates/ approvals	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=US2:52SA2CCBA1

Cax online generator

 $\underline{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=US2:52SA2CCBA1}$

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

https://support.industry.siemens.com/cs/ww/en/ps/US2:52SA2CCBA1

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:52SA2CCBA1&lang=en

C	7
(•

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens:

52SA2CCBA1