## **SIEMENS**

Data sheet US2:52SX2CDBA2

Selector switch, metal, NEMA 4X Spring return left & right Short lever, C Cam 1NO-1NC left, 1NO-1NC right 3 position Complete device white insert Non-Illuminated UL file E22655 in Vol. 6 (7) Sec. 13 (2)



number of command points 1 delivery state as a kit No Actuator material of the actuating element plastic number of contact modules 2 type of unlocking device without number of switching positions 3 Front ring product component front ring standard material of the front ring metal color of the front ring black General tochnical data product function positive opening Yes product component light source No insulation voltage rated value 600 V protection class IP Per Per Per Per Per Per Per Per Per Pe	Enclosure	
Actuator material of the actuating element plastic number of contact modules 2 type of unlocking device without number of switching positions 3  Front ring product component front ring Yes design of the front ring standard material of the front ring metal color of the front ring black  General technical data product component elight source No insulation voltage rated value 600 V protection class IP operating frequency maximum 600 1/h thermal current 10 A Weight 0.23 kg  Auxillary circuit number of NC contacts for auxillary contacts 2 number of NC rated value 60 A el at 230 V rated value 30 A el at 400 V rated value 15 A el at 110 V rated value 12 A Connections/ Terminals type of electrical connection screw terminal tightening torque of the screws in the bracket maximum 20 N·m	number of command points	1
material of the actuating element number of contact modules 2 type of unlocking device without number of switching positions 3 Front ring product component front ring Yes design of the front ring metal color of the front ring black General technical data product component • light source Insulation voltage rated value protection class IP operating frequency maximum thermal current 10 A Weight Auxillary circuit number of NC contacts for auxillary contacts 2 anumber of NC contacts for auxillary contacts 2 at 230 V rated value 3 at 230 V rated value 4 at 230 V rated value 5 at 50 V rated value 5 connections! Terminals type of electrical connection tight end of the screws in the bracket maximum 5 view terminal tightening torque of the screws in the bracket maximum 2 N·m	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 motor of the front ring  General technical data  product component  light source nisulation voltage rated value protection class IP operating frequency maximum thermal current 10 A  Weight  Auxillary circuit number of NC contacts for auxillary contacts operational current at AC-15  at 110 V rated value at 20 V rated value at 400 V rated value at 50 N rated value at 400 V rated value at 50 N	Actuator	
type of unlocking device without number of switching positions  Front ring  product component front ring yes design of the front ring metal color of the front ring black  General technical data product component  • light source No insulation voltage rated value 600 V protection class IP P66 operating frequency maximum 600 1/h thermal current 10 A Weight 0.23 kg  Auxiliary circuit number of NC contacts for auxiliary contacts 2 operational current 4 AC-15  • at 110 V rated value 60 A • at 230 V rated value 15 A • at 500 V rated value 12 A  Connections/ Torminals type of electrical connection 1 screw terminal tightening torque of the screws in the bracket maximum 20 N·m	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 color of the front ring black  General technical data product function positive opening Product component light source lingulation voltage rated value protection class IP operating frequency maximum thermal current Weight 0.23 kg  Auxiliary circuit number of NC contacts for auxiliary contacts at 110 V rated value at 200 V rated value at 400 V rated value at 400 V rated value at 400 V rated value at 500 V rated value series were reminal tightening torque of the screws in the bracket maximum  Type of electrical connection screw terminal tightening torque of the screws in the bracket maximum  Type of electrical connection screw terminal	number of contact modules	2
product component front ring  design of the front ring	type of unlocking device	without
product component front ring  design of the front ring  material of the front ring  metal  color of the front ring  black  General technical data  product function positive opening  product component  • light source  insulation voltage rated value  operating frequency maximum  thermal current  10 A  Weight  Auxiliary circuit  number of NC contacts for auxiliary contacts  • at 110 V rated value  • at 230 V rated value  • at 500 V rated value	number of switching positions	3
design of the front ring material of the front ring color of the front ring black  General technical data  product function positive opening  Pessengeral technical data  product component  Ight source No insulation voltage rated value for overating frequency maximum for overating frequency for overating frequency maximum for overating frequency for	Front ring	
material of the front ring black  General technical data  product function positive opening Yes  product component  • light source No insulation voltage rated value 600 V  protection class IP IP66  operating frequency maximum 600 1/h  thermal current 10 A  Weight 0.23 kg  Auxiliary circuit  number of NC contacts for auxiliary contacts 2  number of NO contacts for auxiliary contacts 2  operational current at AC-15  • at 110 V rated value 60 A  • at 230 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 screw terminal  tightening torque of the screws in the bracket maximum 20 N·m	product component front ring	Yes
color of the front ring  General technical data  product function positive opening  product component  • light source  insulation voltage rated value  operating frequency maximum  thermal current  10 A  Weight  0.23 kg  Auxiliary circuit  number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  • at 110 V rated value  • at 230 V rated value  • at 400 V rated value  • at 500 V rated value	design of the front ring	standard
product function positive opening Yes  product component  • light source No insulation voltage rated value 600 V  protection class IP IP66 operating frequency maximum 600 1/h thermal current 10 A Weight 0.23 kg  Auxiliary circuit  number of NC contacts for auxiliary contacts 2 number of NO contacts for auxiliary contacts 2 operational current at AC-15  • at 110 V rated value 60 A • at 230 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 screw terminal tightening torque of the screws in the bracket maximum 20 N·m	material of the front ring	metal
product function positive opening product component  • light source No  insulation voltage rated value 600 V  protection class IP 0perating frequency maximum 600 1/h thermal current 10 A Weight 0.23 kg  Auxilliary circuit number of NC contacts for auxilliary contacts 2 number of NO contacts for auxilliary contacts 2 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 tightening torque of the screws in the bracket maximum  No  No  600 V  Photo No  600 V  Photo No  600 1/h  600	color of the front ring	black
product component  • light source  insulation voltage rated value  protection class IP  operating frequency maximum  600 1/h  thermal current  10 A  Weight  0.23 kg  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  type of electrical connection  tightening torque of the screws in the bracket maximum  100 V  No  No  No  100 V  100 A  000 1/h  100 A  000 23 kg  Auxiliary circuit  20 N·m	General technical data	
Insulation voltage rated value  insulation voltage rated value  protection class IP  IP66  operating frequency maximum  600 1/h  thermal current  10 A  Weight  O.23 kg  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 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 maximum  20 N·m	product function positive opening	Yes
insulation voltage rated value  protection class IP  operating frequency maximum  thermal current  10 A  Weight  Auxiliary circuit  number of NC 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  type of electrical connection  tightening torque of the screws in the bracket maximum  100 V  100 A  100 A  60 A  60 A  60 A  100 A	product component	
protection class IP operating frequency maximum food 1/h thermal current 10 A Weight 0.23 kg  Auxiliary circuit  number of NC contacts for auxiliary contacts 2 number of NO contacts for auxiliary contacts 2 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 terminal tightening torque of the screws in the bracket maximum  10 A  10 A  0.23 kg  6 O A  6 O A  9 A  12 A  Connections/ Terminals  15 A  12 A  Connections/ Terminals	• light source	No
operating frequency maximum  thermal current  10 A  Weight  0.23 kg  Auxiliary circuit  number of NC contacts for auxiliary contacts  12 number of NO contacts for auxiliary contacts  2 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  2 onnections/ Terminals  type of electrical connection  tightening torque of the screws in the bracket maximum  600 1/h  10 A  600 A  600 A  11 A  600 A  12 A  Connections/ Terminals  13 A  20 N·m	insulation voltage rated value	600 V
thermal current  Weight  0.23 kg  Auxiliary circuit  number of NC contacts for auxiliary contacts  2 number of NO contacts for auxiliary contacts 2 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 • at 500 V rated value  12 A  Connections/ Terminals  type of electrical connection screw terminal  tightening torque of the screws in the bracket maximum  20 N·m	protection class IP	IP66
Weight  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  o at 500 V rated value  type of electrical connection  screw terminal  tightening torque of the screws in the bracket maximum  0.23 kg  0.23 kg  0.23 kg  0.23 kg  2  Contactions/ Terminals  2  Contactions/ Terminals  12 A	operating frequency maximum	600 1/h
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  12 A  Connections/ Terminals  tightening torque of the screws in the bracket maximum  20 N·m	thermal current	10 A
number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  operational current at AC-15  o at 110 V rated value  at 230 V rated value  at 400 V rated value  at 500 V rated value  type of electrical connection  tightening torque of the screws in the bracket maximum  2  2  60 A  30 A  15 A  12 A  Connections/ Terminals  tightening torque of the screws in the bracket maximum  20 N·m		0.23 kg
number of NO contacts for auxiliary contacts  operational current at AC-15  o at 110 V rated value o at 230 V rated value o at 400 V rated value 15 A o at 500 V rated value 12 A  Connections/ Terminals  type of electrical connection screw terminal tightening torque of the screws in the bracket maximum  2 N·m	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 terminal  tightening torque of the screws in the bracket maximum 20 N·m	number of NC contacts for auxiliary contacts	2
<ul> <li>at 110 V rated value</li> <li>at 230 V rated value</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>2 A</li> </ul> Connections/ Terminals type of electrical connection <ul> <li>screw terminal</li> <li>tightening torque of the screws in the bracket maximum</li> <li>20 N·m</li> </ul>	number of NO contacts for auxiliary contacts	2
<ul> <li>at 230 V rated value</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>12 A</li> </ul> Connections/ Terminals type of electrical connection <ul> <li>screw terminal</li> <li>tightening torque of the screws in the bracket maximum</li> <li>20 N·m</li> </ul>	operational current at AC-15	
at 400 V rated value  at 500 V rated value  12 A  Connections/ Terminals  type of electrical connection  screw terminal  tightening torque of the screws in the bracket maximum  20 N·m	• at 110 V rated value	60 A
• at 500 V rated value 12 A  Connections/ Terminals  type of electrical connection screw terminal  tightening torque of the screws in the bracket maximum 20 N·m	at 230 V rated value	30 A
type of electrical connection screw terminal tightening torque of the screws in the bracket maximum 20 N·m	at 400 V rated value	15 A
type of electrical connection screw terminal tightening torque of the screws in the bracket maximum 20 N·m	at 500 V rated value	12 A
tightening torque of the screws in the bracket maximum 20 N·m	Connections/ Terminals	
	type of electrical connection	screw terminal
tightening torque [lhf-in] with screw-type terminals 8 lhf-in	tightening torque of the screws in the bracket maximum	20 N·m
agricining torque [ioi in] with solew-type terminals	tightening torque [lbf·in] with screw-type terminals	8 lbf-in
Ambient conditions	Ambient conditions	
ambient temperature	ambient temperature	
• during operation -35 +70 °C	during operation	-35 +70 °C
• during storage -40 +85 °C	during storage	-40 +85 °C
Installation/ mounting/ dimensions	Installation/ mounting/ dimensions	
shape of the installation opening round	shape of the installation opening	round

Information on the packaging

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

Information- and Downloadcenter (Catalogs, Brochures,...)

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=US2:52SX2CDBA2

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52SX2CDBA2

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

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

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=US2:52SX2CDBA2&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:52SX2CDBA2&lang=en</a>

last modified:	4/8/2024	3
----------------	----------	---