SIEMENS

Data sheet US2:52SW2GDBJ2K1

Selector switch, metal, NEMA 4X Spring return left & right Long lever, G Cam 1NC + 1NO left, 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 3 stype of unlocking device without number of switching positions 3 Front ring product component front ring yes design of the front ring material of the front ring black Color of the front ring black General technical data product component elight source No Insulation voltage rated value 600 V protection class IP IP66 of the terminal IP20 operating frequency maximum 600 t/h thermal current 10 A Auxiliary circuit number of NO contacts for auxiliary contacts 1	Enclosure		
Actuator material of the actuating element plastic number of contact modules type of unlocking device without number of switching positions 3 Front ring product component front ring design of the front ring standard material of the front ring metal color 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 • of the terminal IP20 operating frequency maximum 600 1/h thermal current Auxiliary circuit number of NC contacts for auxiliary contacts 1 operational current at AC-15 • at 110 V rated value 30 A • at 200 V rated value 15 A • at 400 V rated value 15 A • at 500 V rated value 12 A Connections/ Terminals type of electrical connection screw-type terminals dufficing operation 40 units plorage authous plorage authous plo	number of command points	1	
material of the actuating element number of contact modules 3 1type of unlocking device number of switching positions 3 Front ring product component front ring design of the front ring material of the front ring color of the front ring material of the front ring color of the front ring product function positive opening product function positive opening yes product component light source	delivery state as a kit	No	
number of contact modules type of unlocking device unithout of switching positions Front ring product component front ring design of the front ring material of the front ring color 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 perature of NO contacts for auxiliary contacts number of NC contacts for auxiliary contacts operational current at AC-15 • at 110 V rated value • at 200 V rated value • at 300 V rated value • at 400 V rated value • at 500 V rated valu	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 material of the front ring material of the front ring color of the front ring General technical data product function positive opening Product component Insulation voltage rated value For of the terminal Operating frequency maximum For of the terminal Operating frequency maximum Operating frequency maximum Operating frequency maximum Operational current Auxillary circuit Number of NC contacts for auxillary contacts Operational current at AC-15 Operational current of AC-	material of the actuating element	plastic	
router of switching positions Front ring product component front ring design of the front ring material 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 No insulation voltage rated value for the terminal poerating frequency maximum food 1/h thermal current 10 A Auxiliary circuit number of NC contacts for auxiliary contacts 1 coparational current at AC-15 et at 110 V rated value at 230 V rated value at 230 V rated value et at 400 V rated value et at 400 V rated value et at 500 V rate	number of contact modules	3	
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 • light source No insulation voltage rate value 600 V protection class IP 1P66 • of the terminal IP20 operating frequency maximum 600 1/h thermal current 10 A Auxiliary circuit number of NC contacts for auxiliary contacts 1 operational current at AC-15 • at 110 V rated value 50 A • at 230 V rated value 50 A • at 400 V rated value 50 A • at 400 V rated value 51 A • at 400 V rated value 52 A connections/ Terminals type of electrical connection 51 A tightening torque [Ibf-in] with screw-type terminals 51 A during storage 40 +85 °C Installation/ mounting/ dimensions	type of unlocking device	without	
product component front ring standard material of the front ring metal color of the front ring black General technical data product function positive opening Yes product component	number of switching positions	3	
design of the front ring metal material of the front ring black Concord fthe front ring black Coneral technical data product function positive opening Yes product component light source No	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 • of the terminal IP20 operating frequency maximum 600 1/h thermal current 10 A Auxillary circuit number of NC contacts for auxillary contacts 1 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 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 eduring storage +85 °C Installation/ mounting/ dimensions	product component front ring	Yes	
Color 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 of the terminal IP20 operating frequency maximum 600 1/h thermal current 10 A Auxillary circuit number of NC contacts for auxillary contacts 1 operational current at AC-15 at 110 V rated value 60 A at 230 V rated value 15 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 (lbf-in) with screw-type terminals Ambient conditions ambient conditions ambient temperature during operation -35 +70 °C during storage -40 +85 °C Installation/ mounting/ dimensions	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 IP20 • of the terminal IP20 operating frequency maximum 600 1/h thermal current 10 A Auxiliary circuit number of NC contacts for auxiliary contacts 2 number of NC contacts for auxiliary contacts 1 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-type terminals tightening torque [lbf-in] with screw-type terminals ambient temperature • during operation -35 +70 °C • during operation -35 +70 °C • during operation -35 +70 °C • during storage -40 +85 °C Installation/ mounting/ dimensions	material of the front ring	metal	
product function positive opening product component • light source insulation voltage rated value protection class IP • of the terminal operating frequency maximum thermal current 10 A 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 230 V rated value • at 500 V rated value • at 500 V rated value • at 500 V rated value • at 500 V	color of the front ring	black	
product component • light source Insulation voltage rated value protection class IP protection class IP of the terminal operating frequency maximum food 1/h thermal current 10 A 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 400 V rated value • at 400 V rated value • at 500 V rated value 12 A Connections/ Terminals type of electrical connection tightening torque [16-in] with screw-type terminals able-in Ambient conditions ambient temperature • during operation • during storage • during storage -40 +85 °C Installation/ mounting/ dimensions	General technical data		
Ilight source	product function positive opening	Yes	
insulation voltage rated value protection class IP of the terminal operating frequency maximum frequency frequen	product component		
protection class IP of the terminal IP20 operating frequency maximum frequency maximu	• light source	No	
operating frequency maximum finermal current 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 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 Installation/ mounting/ dimensions	insulation voltage rated value	600 V	
operating frequency maximum thermal current 10 A Auxiliary circuit number of NC contacts for auxiliary contacts 2 number of NO contacts for auxiliary contacts 1 operational current at AC-15 • at 110 V rated value • at 230 V rated value • at 500 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 Installation/ mounting/ dimensions	protection class IP	IP66	
thermal current 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 • 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 Installation/ mounting/ dimensions	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 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 Installation/ mounting/ dimensions	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 • 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 Installation/ mounting/ dimensions	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 • 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 10 N·m tightening torque [lbf·in] with screw-type terminals Ambient conditions ambient temperature • during operation • during storage • during storage -40 +85 °C Installation/ mounting/ dimensions	Auxiliary circuit		
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-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 -40 +85 °C Installation/ mounting/ dimensions	number of NC contacts for auxiliary contacts	2	
 at 110 V rated value at 230 V rated value at 400 V rated value at 5 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 Installation/ mounting/ dimensions	number of NO contacts for auxiliary contacts	1	
 at 230 V rated value 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 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 Installation/ mounting/ dimensions	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 addring operation addring storage during storage -40 +85 °C Installation/ mounting/ dimensions	• 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 8 lbf·in Ambient conditions ambient temperature • during operation • during storage during storage -40 +85 °C Installation/ mounting/ dimensions	• 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 Installation/ mounting/ dimensions	• 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 • during storage -40 +85 °C Installation/ mounting/ dimensions		12 A	
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 • during storage -40 +85 °C Installation/ mounting/ dimensions	Connections/ Terminals		
tightening torque [lbf-in] with screw-type terminals Ambient conditions ambient temperature • during operation • during storage -40 +85 °C Installation/ mounting/ dimensions	type of electrical connection	screw-type terminals	
Ambient conditions ambient temperature • during operation • during storage -40 +85 °C Installation/ mounting/ dimensions	tightening torque of the screws in the bracket	20 N·m	
ambient temperature • during operation • during storage • during storage -40 +85 °C Installation/ mounting/ dimensions		8 lbf-in	
 during operation during storage 40 +85 °C Installation/ mounting/ dimensions	Ambient conditions		
• during storage -40 +85 °C Installation/ mounting/ dimensions	ambient temperature		
Installation/ mounting/ dimensions	 during operation 	-35 +70 °C	
	during storage	-40 +85 °C	
shape of the installation opening round	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=US2:52SW2GDBJ2K1

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52SW2GDBJ2K1

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

https://support.industry.siemens.com/cs/ww/en/ps/US2:52SW2GDBJ2K1

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:52SW2GDBJ2K1&lang=en

last modified:	12/21/2020 🖸
----------------	--------------

Mouser Electronics

Authorized Distributor

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

Siemens:

52SW2GDBJ2K1