SIEMENS

Data sheet US2:52PX8B4B



30mm BlackMax, Epoxy Coated Corrosion Resistant Complete Metal Unit Pushbutton Non-Illuminated Extended Button Plastic Cap, Yellow 2 Position Momentary with 2 N.O. - 2 N.C. Heavy Duty Contacts, A600/P600 UL Listed, CSA Certified NEMA 1,3,3R,4,4X,12,13 & Automotive Standards

number of command points 1 delivery state as a kit No Actuator design of the actuating element Pushbutton material of the actuating element plastic number of contact modules 2 type of unlocking device without number of switching positions 2 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 function positive opening Yes product component light source No insulation voltage rated value 600 V surge voltage resistance rated value 4 kV protection class IP IP66 **of the terminal IP20 thermal current 10 A operating voltage **a LA C at 60 Hz rated value 5 600 V Auxiliary circuit number of NC contacts for auxiliary contacts 2 number of NC contacts for auxiliary contacts 2 number of NO contacts for auxiliary contacts 2 a t 400 V rated value 60 A **a LA C at 7 valed value 60 A **a LA C at 7 valed value 60 A **a LA C at 7 valed value 60 A **a LA C at 7 valed value 60 A **a LA C at 7 valed value 60 A **a LA C at 7 valed value 60 A **a LA C at 7 valed value 60 A **a LA C at 7 valed value 60 A **a LA C at 7 valed value 60 A **a LA C at 7 valed value 60 A **a LA C at 7 valed value 60 A **a LA C 3 valed value 70 valed value 71 valed value 71 valed value 72 valed value 72 valed value 73 valed value 74 valed value 74 valed value 75 v	Enclosure	
Actuator Actuating element Pushbutton	number of command points	1
design of the actuating element plastic plastic purpose of contact modules 2 type of unlocking device without plastic production glovice without plastic product modules 2 type of unlocking device without plastic product component front ring product component front ring yes standard product component front ring metal product component front ring metal plack ground to front ring product function positive opening product function positive opening product omponent light source No insulation voltage rated value 600 V surge voltage resistance rated value 4 kV protection class IP PP86	delivery state as a kit	No
material of the actuating element number of contact modules 2 type of unlocking device number of switching positions 2 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 black Gonoral tochnical data product function positive opening product tongonent light source No insulation voltage rated value surge voltage resistance rated value of the terminal product the terminal product function positive opening protection class IP of the terminal product opening • at AC at 60 Hz rated value • at AC at 60 Hz rated value at AC at 60 Hz rated value • at C rated value • at 230 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 • at 500 V rated value • at 500 V rated value • at 400 V rated value • at 500 V ra	Actuator	
type of unlocking device without mumber of switching positions 2 Front ring yes design of the front ring yes design of the front ring metal of the front ring whether of switching positions yes design of the front ring yes design of the series yes design of the front ring yes design of the series yes design of the front ring yes design of the series yes design of the front ring yes design of the series yes design of the series yes design of the front ring yes design of the series yes design of the front ring yes design of the front	design of the actuating element	Pushbutton
type of unlocking device without number of switching positions 2 Front ring product component front ring Yes design of the front ring standard material of the front ring black General tochnical data product function positive opening Yes product component light source No insulation voltage rated value 600 V surge voltage resistance rated value 4 kV protection class IP IP66 of the terminal IP20 thermal current 10 A operating voltage at AC at 60 Hz rated value 5 600 V at DC rated value 5 600 V Auxiliary circuit number of NC contacts for auxiliary contacts 2 number of NC contacts for auxiliary contacts 2 operational current at AC-15 • at 110 V rated value 60 A at 230 V rated value 30 A • at 500 V rated value 15 A • at 500 V rated val	material of the actuating element	plastic
number of switching positions Front ring product component front ring	number of contact modules	2
product component front ring yes design of the front ring standard 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 surge voltage resistance rated value 4 kV protection class IP IP20 IP20 IP20 IP20 IP20 IP20 IP20 I	type of unlocking device	without
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 surge voltage resistance rated value 1P20 the terminal 1P20 the material of the terminal 1P20 the material of the terminal 1P20 the material value 5 600 V at 20 V	number of switching positions	2
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 insulation voltage rated value surge voltage resistance rated value 4 kV protection class IP of the terminal IP20 thermal current 10 A operating voltage at AC at 60 Hz rated value 5 600 V Auxiliary circuit number of NC contacts for auxiliary contacts 1 at 110 V rated value at 230 V rated value at 230 V rated value at 2400 V rated value at 2500 V rated value step of electrical connection tightening torque filbrinj with screw-type terminals tightening torque (librinj with screw-type terminals Ambient conditions	Front ring	
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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 surge voltage resistance rated value 4 kV protection class IP IP66 • of the terminal IP20 thermal current 10 A operating voltage • at AC at 60 Hz rated value 5 600 V • at DC rated value 5 600 V 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 30 A • 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 screw-type terminals 8 lbf-in Ambient conditions	design of the front ring	standard
product function positive opening Yes product component light source No insulation voltage rated value 600 V surge voltage resistance rated value 1P20 • of the terminal PP20 thermal current 1D A operating voltage • at AC at 60 Hz rated value 5 600 V • at DC rated value 5 600 V Auxiliary circuit number of NC contacts for auxiliary contacts 2 number of NC contacts for auxiliary contacts 2 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 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 conditions	material of the front ring	metal
product function positive opening product component light source Insulation voltage rated value surge voltage resistance rated value 4 kV protection class IP Foffe of the terminal IP20 IP66 at AC at 60 Hz rated value at AC at 60 Hz rated value at AC at 60 Hz rated value at DC rated value Tumber of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts at 110 V rated value at 110 V rated value at 400 V rated value at 500 V rated value by 60 delectrical connection tightening torque of the screws in the bracket tightening torque [lbf-in] with screw-type terminals tightening torque [lbf-in] with screw-type terminals 8 lbf-in	color of the front ring	black
product component light source insulation voltage rated value surge voltage resistance rated value 4 kV protection class IP • of the terminal IP20 thermal current operating voltage • at AC at 60 Hz rated value • at DC rated value 5 600 V • at DC rated value 5 600 V 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 500 V rated value • at 600 V rated value • at 500 V rated value • at 600 V rated value • at 500 V rated value • at 50	General technical data	
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surge voltage resistance rated value protection class IP of the terminal IP20 thermal current 10 A operating voltage otat AC at 60 Hz rated value otat DC rated value sumber of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts operating a current at AC-15 otat 110 V rated value otat 230 V rated value otat 230 V rated value otat 400 V rated value otat 400 V rated value otat 500 V rated valu	product component light source	No
protection class IP of the terminal thermal current 10 A operating voltage at AC at 60 Hz rated value 5 600 V at DC rated value 5 600 V 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 to at 500 V rated value 2 operational current at C-15 at 150 V rated value 50 A at 500 V rated value 15 A at 500 V rated value 20 N·m tightening torque of the screws in the bracket tightening torque [lbf-in] with screw-type terminals Ambient conditions	insulation voltage rated value	600 V
thermal current thermal current operating voltage • at AC at 60 Hz rated value • at DC rated value **Auxillary circuit* number of NC contacts for auxilliary contacts number of NO contacts for auxilliary 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 val	surge voltage resistance rated value	4 kV
thermal current operating voltage • at AC at 60 Hz rated value • at DC rated value Auxiliary circuit number of NC contacts for auxiliary contacts perational 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	protection class IP	IP66
operating voltage • at AC at 60 Hz rated value • at DC rated value 5 600 V 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 tightening torque of the screws in the bracket tightening torque [lbf-in] with screw-type terminals Ambient conditions	of the terminal	IP20
at AC at 60 Hz rated value at DC rated value 5 600 V Auxiliary circuit number of NC contacts for auxiliary contacts number of NO 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 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	thermal current	10 A
at DC rated value 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 2 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	operating voltage	
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 8 lbf-in Ambient conditions	 at AC at 60 Hz rated value 	5 600 V
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts operational current at AC-15 out 110 V rated value out 230 V rated value out 4400 V rated value out 5500 V rated value 15 A out 5500 V rated value 12 A Connections/ Terminals type of electrical connection screw-type terminals tightening torque of the screws in the bracket 15 A 00 N·m tightening torque [lbf-in] with screw-type terminals 8 lbf-in Ambient conditions	at DC rated value	5 600 V
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 screw-type terminals tightening torque of the screws in the bracket tightening torque [lbf-in] with screw-type terminals Ambient conditions	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	number of NC contacts for auxiliary contacts	2
at 110 V rated value 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 Ambient conditions	number of NO contacts for auxiliary contacts	2
at 230 V rated value at 400 V rated value bt 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 tightening torque [lbf-in] with screw-type terminals Ambient conditions 30 A 12 A 20 N·m 8 lbf-in 8 lbf-in	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 Ambient conditions	• 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	• at 230 V rated value	30 A
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	• at 400 V rated value	15 A
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	at 500 V rated value	12 A
tightening torque of the screws in the bracket 20 N·m tightening torque [lbf-in] with screw-type terminals 8 lbf-in Ambient conditions	Connections/ Terminals	
tightening torque [lbf-in] with screw-type terminals Ambient conditions 8 lbf-in	type of electrical connection	screw-type terminals
Ambient conditions	tightening torque of the screws in the bracket	20 N·m
	tightening torque [lbf-in] with screw-type terminals	8 lbf·in
ambient temperature	Ambient conditions	
	ambient temperature	

 during operation 	-35 +70 °C
 during storage 	-40 +85 °C
Installation/ mounting/ dimensions	
shape of the installation opening	round
mounting height	30 mm
installation width	54 mm
installation depth	35 mm
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=US2:52PX8B4B

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52PX8B4B

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

https://support.industry.siemens.com/cs/ww/en/ps/US2:52PX8B4B

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:52PX8B4B&lang=en

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