## **SIEMENS**

Data sheet US2:52PX8B4E



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

Figure similar

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 1  type of unlocking device without number of switching positions 2  Front ring  product component front ring Yes design of the front ring metal color of the front ring black  Ceneral technical data product function positive opening No product component light source No Insulation voltage rated value 600 V surge voltage resistance rated value 4 k/V protection class IP IP66  • of the terminal 1920  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  number of NC contacts for auxiliary contacts 0  • at 400 V rated value 60 A • at 430 V rated value 15 A • at 110 V rated value 15 A • at 140 V rated value 15 A • at 400 V rated value 15 A • at 500 V ra	Enclosure	
Actuator   Description   Des	number of command points	1
design of the actuating element plastic material of the actuating element plastic number of contact modules 1 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  Ceneral technical data product function positive opening No product component light source No insulation voltage rated value 600 V surge voltage resistance rated value 4 kV protection class IP Pe66	delivery state as a kit	No
material of the actuating element number of contact modules 1 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 material dethnical data product function positive opening product component light source No insulation voltage resistance rated value surge voltage resistance rated value for of the terminal thermal current operating voltage at AC at 60 Hz rated value at AC at 60 Hz rated value sur over the contacts for auxiliary contacts 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 at 400 V rated value at 400 V rated value at 400 V rated value at 500 V at 400 V rated value at 400 V rated value at 500 V rated value at 500 V rated value at 600 A at 500 V rated value at 600 V	Actuator	
number of contact modules 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 color of the front ring black  General technical data product function positive opening product function positive opening No product component light source No 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 5 600 V  at DC rated value  Auxillary circuit number of NC contacts for auxillary contacts number of NC contacts for auxillary contacts operating voltage at 230 V rated value 60 A at 230 V rated value 15 A conscious/Y raterinals type of electrical connection tightening torque (lbf-in) with screw-type terminals Ambient conditions	design of the actuating element	Pushbutton
type of unlocking device without number of switching positions  Pront ring  product component front ring yes standard material of the front ring black  General technical data  product function positive opening No product component light source No insulation voltage rated value 600 V yes voltage resistance rated value 4 kV protection class IP IP66  • of the terminal IP20  • at AC at 60 Hz rated value 5 600 V yeard or voltage rated value 9 yeard or voltage voltage 9 yeard or voltage 10 yeard or yeard or yeard or yeard or yeard ye	material of the actuating element	plastic
number of switching positions  Pront ring  product component front ring design of the front ring material of the front ring material of the front ring black  General technical data product function positive opening product function positive opening No product component light source No insulation voltage rated value surge voltage resistance rated value 4 kV protection class IP 1P66 • of the terminal 1P20 thermal current operating voltage • at AC at 60 Hz rated value 5 600 V  Auxiliary circuit number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts 0 operational current at AC-15 • at 110 V rated value • at 800 V rated value • at 800 V rated value • at 400 V rated value • at 500 V rated value • at 600 V rated valu	number of contact modules	1
product component front ring Yes design of the front ring standard material of the front ring black  General technical data product component light source No insulation voltage rated value 600 V surge voltage resistance rated value 4 kV protection class IP IP86 of the terminal IP20 thermal current 10 A operating voltage  • at AC at 60 Hz rated value 5 600 V  at ID C rated value 5 600 V  Auxillary circuit number of NC contacts for auxillary contacts 1 number of NC contacts for auxillary contacts 0 operational current at AC-15 • at 110 V rated value 30 A • at 500 V rated value 30 A • at 500 V rated value 30 A • at 400 V rated value 5 600 V  cat 500 V  Auxillary circuit number of NC contacts for auxillary contacts 1 number of NC contacts for auxillary contacts 0 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 400 V rated value 12 A  Connections/ Terminals type of electrical connection screw-type terminals tightening torque (Ibf-in) with screw-type terminals tightening torque (Ibf-in) with screw-type terminals Ambient conditions	type of unlocking device	without
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 insulation voltage rated value surge voltage resistance rated value  Frotection class IP of the terminal iP20 thermal current operating voltage  at AC at 60 Hz rated value  at C at 60 Hz rated value  5 600 V  Auxillary circuit number of NC contacts for auxillary 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 stepson V rated value at 400 V rated value stepson V rated value at 400 V rated value stepson V rated value stepson V rated value at 400 V rated value stepson V	number of switching positions	2
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 insulation voltage rated value food v surge voltage resistance rated value food v surge voltage resistance rated value for the terminal field for the terminal field for the terminal field for at DC rated value at DC rated value at DC rated value at DC contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 0 operational current at AC-15 at 110 V rated value at 230 V rated value at 230 V rated value 15 A at 400 V rated value 15 A at 500 V rated value 20 N·m screw-type terminals type of electrical connection tightening torque of the screw-type terminals tightening torque [lbf-in] with screw-type terminals Ambient conditions	Front ring	
material of the front ring black  General technical data product function positive opening No product component light source No insulation voltage rated value 600 V surge voltage resistance rated value 1P26 of the terminal 1P20 thermal current 10 A operating voltage at AC at 60 Hz rated value 5 600 V  auxillary circuit number of NC contacts for auxillary contacts 1 number of NO contacts for auxillary contacts 0 operational current at AC-15 at 110 V rated value 60 A at 230 V rated value 30 A at 200 V rated value 15 A at 500 V rated value 20 A  Connections/ Terminals type of electrical connection screw-type terminals 1bf-in lightening torque [lib-fin] with screw-type terminals 8 lib-fin Ambient conditions	product component front ring	Yes
color of the front ring black  General technical data product function positive opening No 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 IDC rated value 5 600 V  Auxiliary circuit 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 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 tightening torque [lbf-in] with screw-type terminals 8 lbf-in Ambient conditions	design of the front ring	standard
product function positive opening product component light source Insulation voltage rated value protection class IP of the terminal thermal current operating voltage at AC at 60 Hz rated value at DC rated value  at DC rated value  operational current at AC-15 operational current at AC-15 operational current at 40.45 operational current at 40.40  Auxiliary circuit number of NO contacts for auxiliary contacts operational current at AC-15 operational	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 e of the terminal IP20 thermal current 10 A operating voltage e at AC at 60 Hz rated value 5 600 V at DC rated value 5 600 V  at DC rated value 5 600 V  Auxiliary circuit number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts operational current at AC-15 e at 110 V rated value at 230 V rated value 15 A at 400 V rated value 15 A otherwise AC ontacts for auxiliary contacts 15 A e at 500 V rated value 15 A connections/ Terminals type of electrical connection tightening torque [lbf-in] with screw-type terminals 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  of the terminal  iP20  thermal current  operating voltage  at AC at 60 Hz rated value  at C at 60 Hz rated value  at DC rated value  fumber of NC contacts for auxiliary contacts  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  be at 500 V rated value  be at 500 V rated value  at 500 V rated value  be at 500 V rated value  at 500 V rated value  be at 500 V rated value  at 500 V rated value  be at 500 V rated value	General technical data	
insulation voltage rated value  surge voltage resistance rated value  protection class IP  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  number of NO contacts for auxiliary contacts  operational current at AC-15  at 110 V rated value  at 230 V rated value  at 500 V rated value  by at 500 V rated value  by at 500 V rated value  at 500 V rated value  by at 500 V rated value  at 500 V rated value  by at 500 V rated value  at 500 V rated value  at 500 V rated value  by at 500 V rated value  at 500 V rated value  at 500 V rated value  by at 500 V rated value  by at 500 V rated value  at 50	product function positive opening	No
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  surface value  Auxiliary circuit  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  operational 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 value  otat 500 V rated value  test 500 V rated value  otat 500 V rated value  ot	product component light source	No
protection class IP  of the terminal  IP20  thermal current  10 A  operating voltage  otat AC at 60 Hz rated value  substituting circuit  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  operational current at AC-15  otat 110 V rated value  otat 230 V rated value  otat 400 V rated value  otat 400 V rated value  otat 400 V rated value  otat 500 V	insulation voltage rated value	600 V
thermal current  operating voltage  • at AC at 60 Hz rated value  • at DC rated value  **Touritable**  **Touri	surge voltage resistance rated value	4 kV
thermal current  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  1 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  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  1 number of NO contacts for auxiliary contacts  0 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  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 [libf-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  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  type of electrical connection  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  at 500 V rated value  type of electrical connection  tightening torque of the screws in the bracket  tightening torque [lbf-in] with screw-type terminals  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  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	<ul> <li>at AC at 60 Hz rated value</li> </ul>	5 600 V
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  screw-type terminals  tightening torque of the screws in the bracket  tightening torque [lbf-in] with screw-type terminals  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 • at 500 V rated value  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	1
<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-type terminals</li> <li>tightening torque of the screws in the bracket</li> <li>tightening torque [lbf-in] with screw-type terminals</li> </ul> Ambient conditions 8 lbf-in Ambient conditions	number of NO contacts for auxiliary contacts	0
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  8 lbf-in  Ambient conditions	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 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	• 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	• 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  screw-type terminals  8 lbf-in	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	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	

<ul> <li>during operation</li> </ul>	-35 +70 °C
<ul> <li>during storage</li> </ul>	-40 +85 °C
Installation/ mounting/ dimensions	
shape of the installation opening	round
mounting height	30 mm
installation width	48 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=US2:52PX8B4E

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=US2:52PX8B4E

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

https://support.industry.siemens.com/cs/ww/en/ps/US2:52PX8B4E

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:52PX8B4E&lang=en

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