

Reference: 3SB3201-0AA21

22MM PLASTIC ROUND COMPLETE UNIT COMBINATION: PUSHBUTTON WITH FLAT BUTTON SCREW TERMINAL, 1NO+1NC WITH HOLDER RED

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Design of the product	Complete unit round	
Enclosure:		
Shape of the enclosure front	round	
Material of the enclosure	plastic	
Number of command points	1	
Actuator:		
Design of the operating mechanism	Pushbutton	
Manner of function of the actuating element	Momentary contact type	
Product extension optional Light source	No	
Color		
of the actuating element	Red	
Material of the actuating element	plastic	
Shape of the actuating element	Flat 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	plastic	
Color of the front ring	black	
Holder:		

Material of the holder	Plastic
Contact block/ lampholder:	
Number of lampholders	0
Number of switching elements	1
General technical data:	
Product function	
positive opening	Yes
EMERGENCY STOP function	No
Product component	
Light source	No
Type of voltage	
of the operating voltage	AC/DC
Protection class IP	IP66
Vibration resistance	
acc. to IEC 60068-2-6	20 200 Hz: 5g
Operating frequency maximum	1 000 1/h
Mechanical service life (switching cycles)	
typical	10 000 000
Equipment marking	
acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	S
acc. to DIN EN 61346-2	S
acc. to DIN EN 81346-2	S
Operating voltage	
rated value	5 400 V
Auxiliary circuit:	
Number of NC contacts	
for auxiliary contacts	1
Number of NO contacts	
for auxiliary contacts	1
Number of CO contacts	
for auxiliary contacts	0
Operating current at AC-12	
at 24 V rated value	10 A
at 48 V rated value	10 A
at 110 V rated value	10 A
at 230 V rated value	10 A
at 400 V rated value	10 A

operating current at AC-15 6 A at 28 V rated value 6 A at 110 V rated value 6 A at 230 V rated value 6 A at 230 V rated value 3 A Operating current at DC-12 10 A at 48 V rated value 10 A at 24 V rated value 5 A at 110 V rated value 1 A Operating current at DC-13 1 A operating current at DC-13 1 A at 24 V rated value 3 A at 24 V rated value 3 A at 110 V rated value 0.7 A at 230 V rated value 0.3 A connections/ Terminals: Type of electrical connection Screw-type terminals Tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions: Ambient conditions: Ambient conditions: Ambient conditions: Ambient temperature 40 +80 °C during operation -25 +70 °C during operation -25 +70 °C during storage -40 +80 °C Environmental category during operation acc		
at 48 V rated value at 110 V rated value at 230 V rated value at 400 V rated value 3 A Operating current at DC-12 at 24 V rated value 10 A at 48 V rated value 5 A at 110 V rated value 110 V rated value 2.5 A at 110 V rated value 3 A Operating current at DC-13 at 24 V rated value 1 A Operating current at DC-13 at 24 V rated value 1 A Operating current at DC-13 at 24 V rated value 3 A A Operating current at DC-13 at 24 V rated value 3 A A Operating current at DC-13 at 24 V rated value 3 A A OF A A SA A	Operating current at AC-15	
at 110 V rated value at 230 V rated value at 400 V rated value 3 A Operating current at DC-12 at 24 V rated value 10 A at 48 V rated value 2.5 A at 110 V rated value 11 A Operating current at DC-13 at 24 V rated value 2.5 A at 230 V rated value 3 A Operating current at DC-13 at 24 V rated value 3 A at 24 V rated value 3 A at 24 V rated value 3 A at 110 V rated value 3 A at 110 V rated value 3 A at 110 V rated value 3 A connections/ Terminals: Type of electrical connection Tightening torque of the screws in the bracket 1 1,2 N·m Ambient conditions: Ambient temperature during operation 40 +80 °C Environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions: Mounting type front mounting Mounting diameter 22 mm Mounting diameter 42.5 m Installation depth 63 mm Accessories:	at 24 V rated value	6 A
at 230 V rated value 3 A Operating current at DC-12 at 24 V rated value 10 A at 48 V rated value 5 A at 110 V rated value 2.5 A at 110 V rated value 1 A Operating current at DC-13 at 24 V rated value 1 A Operating current at DC-13 at 24 V rated value 3 A at 24 V rated value 3.A at 24 V rated value 0.7 A at 110 V rated value 0.7 A at 230 V rated value 0.3 A Connections/ Terminals: Type of electrical connection screw-type terminals Tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions: Ambient temperature during operation 2.5 +70 °C during storage 4.0 +80 °C Environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions: Mounting type front mounting Mounting dimeter 22 mm Mounting diameter 22 mm Mounting height 8 mm Installation depth 63 mm Accessories:	at 48 V rated value	6 A
at 400 V rated value 3 A Operating current at DC-12 at 24 V rated value 10 A at 48 V rated value 2.5 A at 110 V rated value 1 A Operating current at DC-13 at 24 V rated value 3 A Operating current at DC-13 at 24 V rated value 3 A at 210 V rated value 3 A at 24 V rated value 3 A at 110 V rated value 1.5 A at 110 V rated value 0.7 A at 120 V rated value 0.3 A Connections/ Terminals: Type of electrical connection screw-type terminals Tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions: Ambient temperature during operation 25 +70 °C during storage 40 +80 °C Environmental category during operation acc. to IEC 60721 3K6 Installation/ mounting/ dimensions: Mounting type front mounting Mounting diameter 22 mm Mounting diameter 22 mm Mounting height 8 mm Installation depth 63 mm Accessories:	at 110 V rated value	6 A
at 24 V rated value 10 A at 48 V rated value 2.5 A at 110 V rated value 2.5 A at 110 V rated value 1 A Operating current at DC-13 at 24 V rated value 3 A at 230 V rated value 3.5 A at 110 V rated value 3.5 A at 24 V rated value 3.5 A at 110 V rated value 1.5 A at 110 V rated value 0.7 A at 110 V rated value 0.3 A Connections/ Terminals: Type of electrical connection screw-type terminals Tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions: Ambient temperature during operation 25 +70 °C during storage 4.0 +80 °C Environmental category during operation acc. to IEC 60721 3K6 Installation/ mounting/ dimensions: Mounting type front mounting Mounting diameter 22 mm Mounting diameter 22 mm Mounting diameter 22.5 mm Installation depth 63 mm Accessories:	at 230 V rated value	6 A
at 24 V rated value 5 A at 110 V rated value 2.5 A at 230 V rated value 1 A Operating current at DC-13 at 24 V rated value 3 A at 24 V rated value 3.5 A at 210 V rated value 3.6 A at 210 V rated value 3.7 A at 210 V rated value 0.7 A at 230 V rated value 0.3 A Connections/ Terminals: Type of electrical connection screw-type terminals Tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions: Ambient temperature during operation 2.5 +70 °C during storage -40 +80 °C Environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions: Mounting type	at 400 V rated value	3 A
at 48 V rated value 2.5 A at 110 V rated value 1A Operating current at DC-13 at 24 V rated value 3A at 24 V rated value 3.5 A at 24 V rated value 3.6 at 230 V rated value 3.7 A at 24 V rated value 3.7 A at 230 V rated value 3.3 A Connections/ Terminals: Type of electrical connection screw-type terminals Tightening torque of the screws in the bracket 11.2 N·m Ambient conditions: Ambient temperature during operation -25 +70 °C during storage -40 +80 °C Environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions: Mounting type front mounting Mounting diameter 22 mm Mounting diameter 22 mm Mounting height 8 mm Installation witd> 28.5 mm Installation depth 63 mm Accessories:	Operating current at DC-12	
at 110 V rated value at 230 V rated value 1 A Operating current at DC-13 at 24 V rated value 3 A at 110 V rated value 1.5 A at 110 V rated value 0.7 A at 230 V rated value 0.3 A Connections/ Terminals: Type of electrical connection Screw-type terminals Tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions: Ambient temperature during operation -25 +70 °C during storage -40 +80 °C Environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions: Mounting type front mounting Shape of the installation opening mounting diameter 22 mm Mounting height 8 mm Installation witd> 28.5 mm Installation depth 63 mm Accessories:	at 24 V rated value	10 A
at 230 V rated value 1 A Operating current at DC-13 at 24 V rated value 3 A at 48 V rated value 0.7 A at 230 V rated value 0.3 A Connections/ Terminals: Type of electrical connection screw-type terminals Tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions: Ambient temperature during operation -25 +70 °C during storage -40 +80 °C Environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions: Mounting type front mounting Shape of the installation opening round Mounting diameter 22 mm Mounting height 8 mm Installation witd> 28.5 mm Installation depth 63 mm Accessories:	at 48 V rated value	5 A
Operating current at DC-13 at 24 V rated value at 48 V rated value 1.5 A at 110 V rated value 0.7 A at 230 V rated value 0.3 A Connections/ Terminals: Type of electrical connection screw-type terminals Tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions: Ambient temperature during operation -25 +70 °C during storage -40 +80 °C Environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions: Mounting type front mounting Mounting diameter 22 mm Mounting diameter 22.5 mm Installation witd> 8 mm Installation witd> 28.5 mm Installation depth 63 mm Accessories:	at 110 V rated value	2.5 A
at 24 V rated value at 48 V rated value 1.5 A at 110 V rated value 0.7 A at 230 V rated value 0.3 A Connections/ Terminals: Type of electrical connection Screw-type terminals Tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions: Ambient temperature during operation -25 +70 °C during storage -40 +80 °C Environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions: Mounting type front mounting Mounting diameter 22 mm Mounting diameter 22 mm Mounting height 8 mm Installation witd> 28.5 mm Installation depth 63 mm Accessories:	at 230 V rated value	1 A
at 48 V rated value at 110 V rated value 0.7 A at 230 V rated value 0.3 A Connections/ Terminals: Type of electrical connection Screw-type terminals Tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions: Ambient temperature during operation -25 +70 °C during storage -40 +80 °C Environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions: Mounting type front mounting Mounting diameter 22 mm Mounting height 8 mm Installation witd> 28.5 mm Installation depth 63 mm Accessories:	Operating current at DC-13	
at 110 V rated value at 230 V rated value 0.3 A Connections/ Terminals: Type of electrical connection Tightening torque of the screws in the bracket Ambient conditions: Ambient temperature during operation during storage Environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions: Mounting type front mounting Mounting diameter Mounting diameter 22 mm Mounting height 8 mm Installation witd> 28.5 mm Installation depth 63 mm Accessories:	at 24 V rated value	3 A
Connections/ Terminals: Type of electrical connection screw-type terminals Tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions: Ambient temperature during operation -25 +70 °C during storage -40 +80 °C Environmental category during operation acc. to IEC 60721 3K6 Installation/ mounting/ dimensions: Mounting type front mounting Shape of the installation opening round Mounting diameter 22 mm Mounting height 8 mm Installation witd> 28.5 mm Installation depth 63 mm Accessories:	at 48 V rated value	1.5 A
Type of electrical connection screw-type terminals Tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions: Ambient temperature during operation -25 +70 °C during storage -40 +80 °C Environmental category during operation acc. to IEC 60721 3K6 Installation/ mounting/ dimensions: Mounting type front mounting Shape of the installation opening round Mounting diameter 22 mm Mounting height 8 mm Installation witd> 28.5 mm Installation depth 63 mm Accessories:	at 110 V rated value	0.7 A
Type of electrical connection screw-type terminals Tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions: Ambient temperature during operation -25 +70 °C during storage -40 +80 °C Environmental category during operation acc. to IEC 60721 3K6 Installation/ mounting/ dimensions: Mounting type front mounting Shape of the installation opening round Mounting diameter 22 mm Mounting height 8 mm Installation witd> 28.5 mm Installation depth 63 mm Accessories:	at 230 V rated value	0.3 A
Tightening torque of the screws in the bracket Ambient conditions: Ambient temperature during operation -25 +70 °C during storage -40 +80 °C Environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions: Mounting type front mounting Shape of the installation opening mounting diameter 22 mm Mounting diameter 22 mm Mounting height 8 mm Installation witd> 28.5 mm Installation depth 63 mm Accessories:	Connections/ Terminals:	
Ambient conditions: Ambient temperature during operation -25 +70 °C during storage -40 +80 °C Environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions: Mounting type front mounting Shape of the installation opening round Mounting diameter 22 mm Mounting height 8 mm Installation witd> 28.5 mm Installation depth 63 mm Accessories:	Type of electrical connection	screw-type terminals
Ambient temperature during operation -25 +70 °C during storage -40 +80 °C Environmental category during operation acc. to IEC 60721 3K6 Installation/ mounting/ dimensions: Mounting type front mounting Shape of the installation opening round Mounting diameter 22 mm Mounting height 8 mm Installation witd> 28.5 mm Installation depth 63 mm Accessories:	Tightening torque of the screws in the bracket	1 1.2 N·m
during operation -25 +70 °C during storage -40 +80 °C Environmental category during operation acc. to IEC 60721 3K6 Installation/ mounting/ dimensions: Mounting type front mounting Shape of the installation opening round Mounting diameter 22 mm Mounting height 8 mm Installation witd> 28.5 mm Installation depth 63 mm Accessories:	Ambient conditions:	
during storage -40 +80 °C Environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions: Mounting type front mounting Shape of the installation opening round Mounting diameter 22 mm Mounting height 8 mm Installation witd> 28.5 mm Installation depth 63 mm Accessories:	Ambient temperature	
Environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions: Mounting type front mounting Shape of the installation opening round Mounting diameter 22 mm Mounting height 8 mm Installation witd> 28.5 mm Installation depth 63 mm Accessories:	during operation	-25 +70 °C
Installation/ mounting/ dimensions: Mounting type front mounting Shape of the installation opening round Mounting diameter 22 mm Mounting height 8 mm Installation witd> 28.5 mm Installation depth 63 mm Accessories:	during storage	-40 +80 °C
Mounting type front mounting Shape of the installation opening round Mounting diameter 22 mm Mounting height 8 mm Installation witd> 28.5 mm Installation depth 63 mm Accessories:		3K6
Shape of the installation opening round Mounting diameter 22 mm Mounting height 8 mm Installation witd> 28.5 mm Installation depth 63 mm Accessories:	Installation/ mounting/ dimensions:	
Mounting diameter 22 mm Mounting height 8 mm Installation witd> 28.5 mm Installation depth 63 mm Accessories:	Mounting type	front mounting
Mounting height 8 mm Installation witd> 28.5 mm Installation depth 63 mm Accessories:	Shape of the installation opening	round
Installation witd> 28.5 mm Installation depth 63 mm Accessories:	Mounting diameter	22 mm
Installation depth 63 mm Accessories:	Mounting height	8 mm
Accessories:	Installation witd>	28.5 mm
	Installation depth	63 mm
Product component holder for 3 switching elements No	Accessories:	
	Product component holder for 3 switching elements	No