

Part no. Article no. Catalog No. M22-FK01SMC10 180793 M22-FK01SMC10



Delivery programme

Basic function Single unit/Complete unit Basic function accessories Contraction technique Contraction technique Description Contacts NC = Normally closed Notes Accussories Notes Notes Maximum travel and actuation force as per DIN EN 60947-5-1, K.5.4.1 mm 5.5 Maximum travel Minimum force for positive opening Contact sequence Contact revel diagram, stroke in connection with front element Description Contact revel diagram, stroke in connection with front element Description Description N 1 20 Contact sequence Contact sequence Contact sequence Contact sequence Contact revel diagram, stroke in connection with front element N 1 23 58 mm N 20 Contact travel diagram, stroke in connection with front element N 23 58 mm N 20 Contact revel diagram, stroke in connection with front element N 23 58 mm N 20 Contact travel diagram, stroke in connection with front element N 23 58 mm N 20 Contact travel diagram, stroke in connection with front element N 23 58 mm N 20 Contact travel diagram, stroke in connection with front element N 23 58 mm N 20 Contact travel diagram, stroke in connection with front element N 23 58 mm N 20 Contact travel diagram, stroke in connection with front element N 23 58 mm N 20 Contact travel diagram, stroke in connection with front element N 23 58 mm N 24 58 mm N 25 5	Delivery programme		
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Basic function accessories Connection technique Contact a elements Connection technique Push in terminals Front fixing The N/O is actuated when mounted on the pushbutton. Contact N/C = Normally closed N/C = Septry function, by positive opening to IEC/EN 60947-5-1 K.S.4.1 mm 5.5 Maximum travel mm 5.8 Minimum force for positive opening N 20 Contact sequence Contact sequence Contact travel diagram, stroke in connection with front element N/C = Septre of Protection NC = Normally closed NC = Septry function, by positive opening to IEC/EN 60947-5-1 L.S.4 Minimum force for positive opening to IEC/EN 60947-5-1 N/C = Septry function, by positive opening to IEC/EN 60947-5-1 N/C = Septry function, by positive opening to IEC/EN 60947-5-1 N/C = Septry function, by positive opening to IEC/EN 60947-5-1 N/C = Septry function, by positive opening to IEC/EN 60947-5-1 N/C = Septry function, by positive opening to IEC/EN 60947-5-1 N/C = Septry function, by positive opening to IEC/EN 60947-5-1 N/C = Septry function, by positive opening to IEC/EN 60947-5-1 N/C = Septry function, by positive opening to IEC/EN 60947-5-1 N/C = Septry function, by positive opening to IEC/EN 60947-5-1 N/C = Septry function, by positive opening to IEC/EN 60947-5-1 N/C = Septry function, by positive opening to IEC/EN 60947-5-1 N/C = Septry function, by positive opening to IEC/EN 60947-5-1 N/C = Septry function, by positive opening to IEC/EN 60947-5-1 N/C = Septry function, by positive opening to IEC/EN 60947-5-1 N/C = Septry function, by positive opening to IEC/EN 60947-5-1 N/C = Septry function, by positive opening to IEC/EN 60947-5-1 N/C = Septry function, by positive opening to IEC/EN 60947-5-1 N/C = Septry function, by positive opening to IEC/EN 60947-5-1 N/C = Septry function, by positive opening to IEC	Basic function		Accessories
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Contact travel diagram, stroke in connection with front element NO 33 58 mm NC Degree of Protection IP20	Minimum force for positive opening	N	20
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	Contact travel diagram, stroke in connection with front element		NO ZW = 5.5 mm 0 3.6 5.8 mm
Connection to SmartWire-DT no	Degree of Protection		IP20
	Connection to SmartWire-DT		no

Technical data General

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Standards			IEC 60947-5-1
Lifespan, mechanical	Operations	x 10 ⁶	>1
Operating frequency	Operations/h		≦ ₃₆₀₀
Actuating force		n	≦ _{4.5}
Degree of Protection			IP20
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30 Dry heat to IEC 60068-2-2
Ambient temperature			
Open		°C	-25 - +70

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Storage		°C	- 40 - + 85
Terminal capacities		mm^2	
Solid		mm ²	2 x 1 (0.2 - 1.5) 2 x 1 (075 - 1.5) Can be plugged without tools
Flexible with ferrule		mm ²	2 x 1 (0.25 - 1) Use WAGO Variocrimp 4 crimping tool; please enquire for others
Solid or stranded		AWG	2 x 1 (24 - 16)
Contacts			
Rated impulse withstand voltage	U_{imp}	V AC	4000
Rated insulation voltage	U_{i}	V	250
Overvoltage category/pollution degree			III/3
Max. short-circuit protective device			
Fuseless		Туре	FAZ-B4
Fuse	gG/gL	Α	4
Switching capacity			
Rated operational current	I _e	Α	
AC-15			
24 V	l _e	Α	4
60 V	I _e	Α	4
110 V	I _e	Α	2
230 V	I _e	Α	1.5
DC-13			
24 V	l _e	Α	1.5
60 V	I _e	Α	0.8
110 V	I _e	Α	0.4
220 V	I _e	Α	0.2
Auxiliary contacts			

Design verification as per IEC/EN 61439

Rated conditional short-circuit current

Technical data for design verification		
Operating ambient temperature min.	°C -25	
Operating ambient temperature max.	°C 70	