



Combination of contact element and self-monitoring contact element
M22-K01SMC10, M22-A mounting adapter, and M22-XSMC signaling
contact actuator., 3 NC

Part no. M22-AFK03SMC10
Catalog No. 180794
Alternate Catalog No. M22-AFK03SMC10
EL-Nummer (Norway) 4315745

Delivery program

Basic function accessories			Self-monitoring contact elements
Description			Combination of contact element and self-monitoring contact element M22-K01SMC10, M22-A mounting adapter, and M22-XSMC signaling contact actuator. The N/O in the self-monitoring contact element is actuated when mounted with M22-XSMC. Cage Clamp is a registered trademark of Wago Kontakttechnik GmbH/Minden, Germany
Connection technique			Cage Clamp, Push-in
Fixing			Front fixing
Degree of Protection			IP20
Connection to SmartWire-DT			no
Approval			
Contacts			
N/C = Normally closed			3 NC
Notes			= safety function, by positive opening to IEC/EN 60947-5-1
Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1			
	mm		5.5
Maximum travel	mm		5.8
Minimum force for positive opening	N		60
Contact sequence			
Contact travel diagram, stroke in connection with front element			
Contact diagram			NO NC
Connection technique			Cage Clamp, Push-in

Technical data

General			
Standards			IEC 60947-5-1
Lifespan, mechanical	Operations	x 10 ⁶	> 1
Operating frequency	Operations/h		≤ 3600

Actuating force	n	≤ 13.5
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
Storage	°C	- 40 - + 85
Mechanical shock resistance to IEC 60068-2-27 Shock duration 11 ms, half-sinusoidal	g	> 50
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		Type	FAZ-B4
Fuse	gG/gL	A	4

Switching capacity

Rated operational current	I _e	A	
AC-15			
24 V	I _e	A	4
60 V	I _e	A	4
230 V	I _e	A	1.5
DC-13			
24 V	I _e	A	1.5
60 V	I _e	A	0.8
110 V	I _e	A	0.4
220 V	I _e	A	0.2

Auxiliary contacts

Rated conditional short-circuit current	I _q	kA	1
---	----------------	----	---

Design verification as per IEC/EN 61439

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

Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Auxiliary contact block (EC000041)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Auxiliary switch block (ecI@ss10.0.1-27-37-13-02 [AKN342013])			
Number of contacts as change-over contact			0
Number of contacts as normally open contact			1
Number of contacts as normally closed contact			0
Number of fault-signal switches			0
Rated operation current I _e at AC-15, 230 V	A		1.5
Type of electric connection			Spring clamp connection
Model			Top mounting
Mounting method			Front fastening
Lamp holder			None

Additional product information (links)

DGUV Test Mark Customer Information	http://www.dguv.de/medien/dguv-test-medien/_pdf_zip_doc_ppt/agb-und-pzo/dguv_test_zeichen_infoblatt_kunden.pdf
-------------------------------------	---