

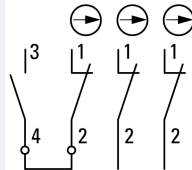
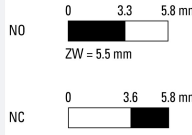






## Emergency switching off contact

Part no. **M22-AFK03SMC10**  
 Article no. **180794**  
 Catalog No. **M22-AFK03SMC10**

## Delivery program

Product range		Accessories
Single unit/Complete unit		Element
Basic function accessories		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
Fixing		Front fixing
Connection technique		Cage Clamp
<b>Contacts</b>		
N/C = Normally closed		3 NC 
Notes		 = safety function, by positive opening to IEC/EN 60947-5-1
<b>Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1</b>		
	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		
Degree of Protection		IP20
Connection to SmartWire-DT		no

## Technical data

<b>General</b>		
Standards		IEC 60947-5-1
Lifespan, mechanical	Operations x 10 <sup>6</sup>	> 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
Terminal capacities	mm <sup>2</sup>	
Solid	mm <sup>2</sup>	2 x 1 (0.2 - 1.5) 2 x 1 (075 - 1.5) Can be plugged without tools
Flexible with ferrule	mm <sup>2</sup>	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
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## 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 6.0

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 (ecl@ss8.1-27-37-13-02 [AKN342010])			
Number of contacts as change-over contact			0
Number of contacts as normally open contact			1
Number of contacts as normally closed contact			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