



Break contact,Cage Clamp,Front

Part no. **M22-CK01**
Article no. **216385**

Catalog No. **M22-CK01Q**



Powering Business Worldwide™

Delivery programme

Product range

Basic function
Standard/Approval
Construction size
Single unit/Complete unit
Connection technique
Fixing
Description

Contacts

N/C = Normally closed

Notes

Contact sequence

RMQ-Titan (drilling dimensions 22.5 mm)

Accessories

UL/CSA, IEC

NZM1/2/3/4

Element

Spring-loaded terminals

Front fixing

Cage Clamp is a registered trademark of Wago Kontakttechnik GmbH/Minden, Germany

1 NC

= safety function, by positive opening to IEC/EN 60947-5-1



1.X1



1.X2

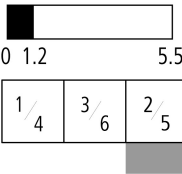
Contact travel diagram, stroke in connection with front element

Configuration

Protection type
Connection to SmartWire-DT
Connection type
Description of HIA trip-indicating auxiliary contact

Description standard auxiliary contact
HIN

For use with



IP20
no
Single contact
General trip indication '+', when tripped by shunt release, overload release, short-circuit release or by the residual-current release due to residual-current.
Can be used with NZM1, 2, 3 circuit-breaker: a trip-indicating auxiliary contact can be clipped into the circuit-breaker.
Can be used with NZM4 circuit-breaker: up to two standard auxiliary contacts can be clipped into the circuit-breaker.
Any combinations of the auxiliary contact types are possible.
Not in combination with switch-disconnector PN...
Marking on switch: HIA
Labeling in FI-Block: HIAFI.
If the trip-indicating auxiliary switch in the fault current block is used, the NC contacts operates as a N/O contact and the NC contact operates as an N/O contact.
Switching with the main contacts Used for indicating and interlocking tasks.
Can be used with NZM1 circuit-breaker: a standard auxiliary contact can be clipped into the circuit-breaker.
Can be used with NZM2 size circuit-breaker: a standard auxiliary contact can be clipped into the circuit-breaker.
Can be used with NZM3, 4 circuit-breaker: up to three standard auxiliary contacts can be clipped into the circuit-breaker.
Any combinations of the auxiliary contact types are possible.
Marking on switch: HIN.
On combination with remote operator NZM-XR... the right mounting location of standard auxiliary contact HIN can be fitted only with individual contacts.
NZM1(-4), 2(-4), 3(-4), 4(-4)
PN1(-4), 2(-4), 3(-4)
N(S)1(-4), 2(-4), 3(-4), 4(-4)

Notes
The following applies for the std. pack:
M22-(C)K...: Std. pack = 20 off

Product Standards
UL File No.
UL Category Control No.
CSA File No.
CSA Class No.
North America Certification
Degree of Protection

IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking
E29184
NKCR
012528
3211-03
UL listed, CSA certified
UL/CSA Type: -

General

Standards

Lifespan, mechanical

Operating frequency

Actuating force

Operating torque (screw terminals)

Protection type

Climatic proofing

Ambient temperature

Open

Mounting position

Mechanical shock resistance

Terminal capacities

Solid

Stranded

		IEC/EN 60947 VDE 0660
Operations	x 10 ⁶	> 5
Operations/ h		≦ 3600
	n	≦ 5
	Nm	≦ 0.8
		IP20
		Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
	°C	
	°C	- 25 - + 70
		As required
	g	30 Shock duration 11 ms Sinusoidal according to IEC 60068-2-27
	mm ²	
	mm ²	0.75 - 2.5
	mm ²	0.5 - 2.5

Contacts

Rated impulse withstand voltage

Rated insulation voltage

Overvoltage category/pollution degree

Control circuit reliability

at 24 V DC/5 mA

at 5 V DC/1 mA

Max. short-circuit protective device

Fuseless

Fuse

U _{imp}	V AC	6000
U _i	V	500
		III/3
H _F	Fault probability	< 10 ⁻⁷ (i.e. 1 failure to 10 ⁷ operations)
H _F	Fault probability	< 5 x 10 ⁻⁶ (i.e. 1 failure in 5 x 10 ⁶ operations)
	Type	PKZM0-10/FAZ-B6/1
gG/gL	A	10

Switching capacity

Rated operational current

AC-15

115 V

220 V 230 V 240 V

380 V 400 V 415 V

500 V

DC-13

42 V

60 V

110 V

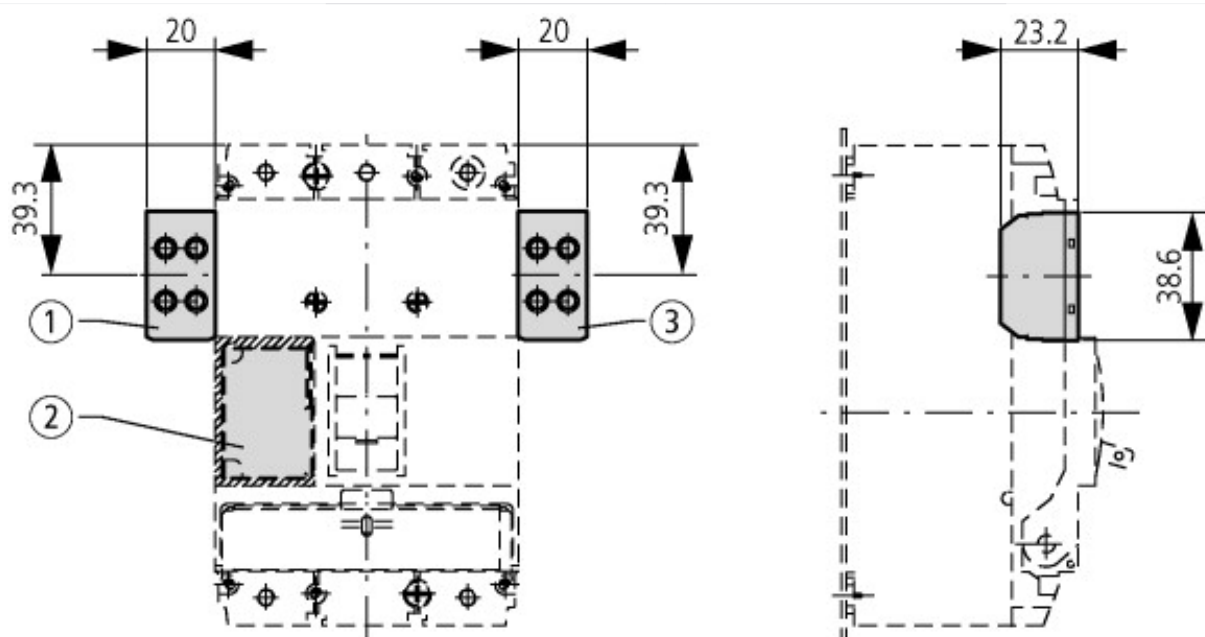
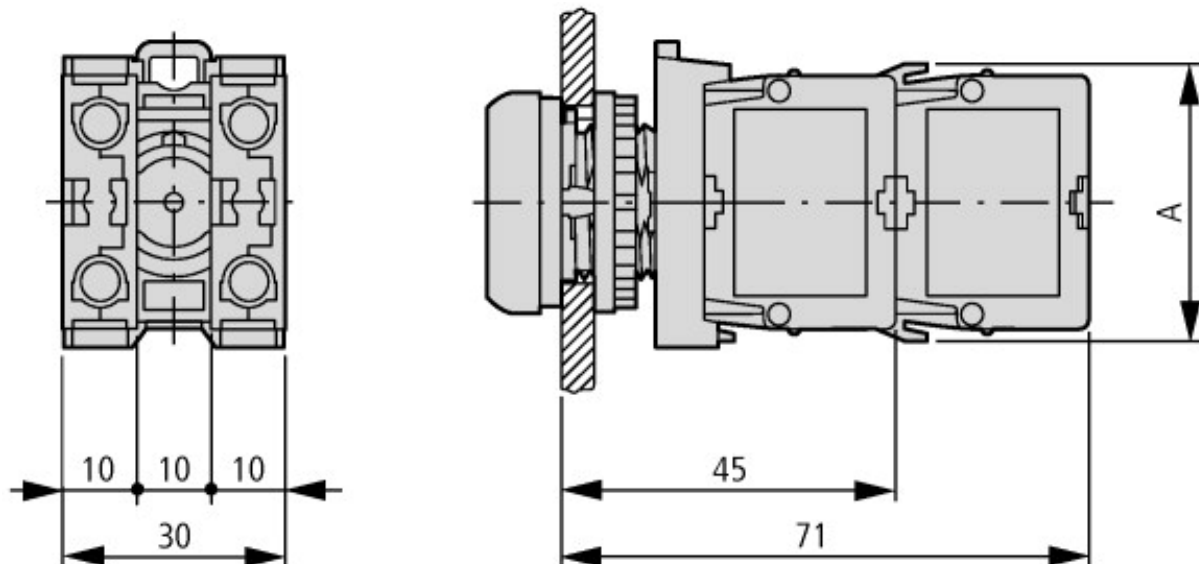
Lifespan, electrical

AC-15

230 V/0.5 A

230 V/1.0 A

I _e	A	
I _e	A	6
I _e	A	6
I _e	A	4
I _e	A	2
I _e	A	1.7
I _e	A	1.2
I _e	A	0.8
Operations	x 10 ⁶	1.6
Operations	x 10 ⁶	1



Pushbutton with M22-(C)K...
 Pushbutton with M22-(C) LED... + M22-XLED...

Additional product information (links)

IL04716002Z (AWA1160-1745) RMQ-Titan System

IL04716002Z (AWA1160-1745) RMQ-Titan System

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2013_08.pdf