| Part no. | M22-K01D |
| :--- | :--- |
|  | 262165 |
| EL Number | 4355766 |
| (Norway) |  |

## General specifications

| Product name |
| :--- |
| Part no. |
| EAN |
| Product Length/Depth |
| Product height |
| Product width |
| Product weight |
| Compliances |
| Certifications |

Product Tradename
Product Type
Product Sub Type
Catalog Notes
Features \& Functions
Electric connection type
General information
Degree of protection
Lifespan, electrical

Lifespan, mechanical
Model
Mounting method
Operating frequency
Operating torque
Overvoltage category
Pollution degree
Rated impulse withstand voltage (Uimp)
Type
Ambient conditions, mechanical
Shock resistance
Climatic environmental conditions

Ambient operating temperature - min
Ambient operating temperature - max
Climatic proofing

Eaton Moeller® series M22 Accessory Contact element
M22-K01D

4015082621650
38 millimetre
10 millimetre
32 millimetre
0.01 kilogram

CE Marked
Bureau Veritas
GoST-R
CCC Marked
CSA Certified
Lloyd\'s Register Certified
CSA Class No.: 3211-03
UL 508
CSA-C22.2 No. 14-05
IEC 60947-5-1
UL File No.: E29184
CSA-C22.2 No. 94-91
UL Category Control No.: NKCR
UL
IEC/EN 60947-5
CE
CSA
CSA File No.: 012528
M22
Accessory
Contact element
Contacts with safety function, by positive opening to IEC/EN 60947-5-1

Screw connection

IP20
1,000,000 Operations (at 230 V, AC-15, 1 A
1,600,000 Operations (at $230 \mathrm{~V}, 0.5 \mathrm{~A}$ )
$1,200,000$ Operations (at $12 \mathrm{~V}, \mathrm{DC}-13,2.8 \mathrm{~A}$ )
700,000 Operations (at 230 V, AC-15, 3 A)
5,000,000 Operations
Top mounting
Front fastening
3600 Operations/h
$0.8 \mathrm{~N} \cdot \mathrm{~m}$
III
3
6000 V AC
Contact Block

30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
$-25^{\circ} \mathrm{C}$
$70^{\circ} \mathrm{C}$
Damp heat, cyclic, to IEC 60068-2-30
Damp heat, constant, to IEC 60068-2-78

## Terminal capacities

Terminal capacity (flexible with ferrule)

Terminal capacity (solid)
Terminal capacity (stranded)

## Electrical rating

Rated insulation voltage (Ui)
Rated operational current (le) at AC-15, 115 V
Rated operational current (le) at AC-15, 220 V, 230 V, 240 V
Rated operational current (le) at AC-15, 380 V, $400 \mathrm{~V}, 415 \mathrm{~V}$
$-4 \mathrm{~A}$
Rated operational current (le) at AC-15, 500 V
Rated operational current (Ie) at DC-13, 110 V
Rated operational current (le) at DC-13, $220 \mathrm{~V}, 230 \mathrm{~V}$
Rated operational current (le) at DC-13, 24 V
Rated operational current (le) at DC-13, 42 V
Rated operational current (le) at DC-13, 60 V
Short-circuit rating
Rated conditional short-circuit current (lq)
Short-circuit protection
Short-circuit protection rating

## Communication

Connection to SmartWire-DT
Connection type

## Actuator

Actuating force - max
Actuator travel and actuation force (DIN EN 60947-5-1)
Knob travel

## Contacts

Control circuit reliability

Force for positive opening - min
Number of contacts (change-over contacts)
Number of contacts (normally closed contacts)
Number of contacts (normally open contacts)

## Design verification

Equipment heat dissipation, current-dependent Pvid
Heat dissipation capacity Pdiss
Heat dissipation per pole, current-dependent Pvid
Rated operational current for specified heat dissipation (In)
Static heat dissipation, non-current-dependent Pvs
10.2.2 Corrosion resistance
10.2.3.1 Verification of thermal stability of enclosures
10.2.3.2 Verification of resistance of insulating materials to normal heat
10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects
10.2.4 Resistance to ultra-violet (UV) radiation
10.2.5 Lifting
10.2.6 Mechanical impact
10.2.7 Inscriptions
10.3 Degree of protection of assemblies
10.4 Clearances and creepage distances
10.5 Protection against electric shock
10.6 Incorporation of switching devices and components
10.7 Internal electrical circuits and connections
10.8 Connections for external conductors
-

6 A
$0.5-1.5 \mathrm{~mm}^{2}$
$0.75-2.5 \mathrm{~mm}^{2}$
$0.5-2.5 \mathrm{~mm}^{2}$

## 500 V

6 A

A
2 A
0.6 A
0.3 A

3 A
1.7 A
1.2 A

1 kA
PKZM0-10/FAZ-B6/1, Contacts, Max. short-circuit protective device, Fuseless Max. 10 A gG/gL, Fuse, Contacts

## No

Front fixing
Single contact

5 N
4.8 mm
5.7 mm

1 failure per 10,000,000 switching operations (Statistically determined, at 24 V DC/5 mA)
1 failure per 5,000,000 switching operations (statistically determined, at $5 \mathrm{~V} \mathrm{DC} / 1$
mA)
15 N

0

1
0

0 W
0 W
0.11 W

6 A
0 W
Meets the product standard's requirements.
Meets the product standard's requirements.
Meets the product standard's requirements.
Meets the product standard's requirements.
Meets the product standard's requirements.
Does not apply, since the entire switchgear needs to be evaluated.
Does not apply, since the entire switchgear needs to be evaluated.
Meets the product standard's requirements.
Does not apply, since the entire switchgear needs to be evaluated.
Meets the product standard's requirements.
Does not apply, since the entire switchgear needs to be evaluated.
Does not apply, since the entire switchgear needs to be evaluated.
Is the panel builder's responsibility.
Is the panel builder's responsibility.

| 10.9.2 Power-frequency electric strength | Is the panel builder's responsibility. |
| :--- | :--- | :--- |
| 10.9.3 Impulse withstand voltage | Is the panel builder's responsibility. | | Is the panel builder's responsibility. |
| :--- | :--- |

## Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Auxiliary contact block (ECOOOO41)
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Auxiliary switch block (ecl@ss13-27-37-13-02 [AKN342018])

Number of contacts as change-over contact
Number of contacts as normally open contact 0
$\begin{array}{ll}\text { Number of contacts as normally closed contact } & 1\end{array}$
Number of fault-signal switches 0
Rated operation current le at AC-15, $230 \mathrm{~V} \quad$ A 6
Type of electric connection
Model
Mounting method
Lamp holder

Clip-on
Front fastening
None

