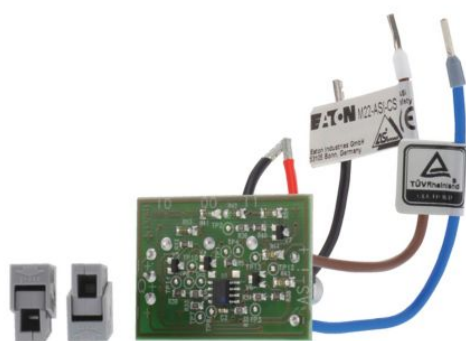


# Eaton 231272

Catalog Number: 231272

Eaton Moeller® series M22 ASI-Slave safety, 2I, 1Q, spring clamp connection

### General specifications



Product Name	Catalog Number
Eaton Moeller® series M22 Accessory AS-Interface connection	231272
	EAN 4015082312725
Product Length/Depth	Product Height
40 mm	30 mm
Product Width	Product Weight
40 mm	0.017 kg

### Certifications

EN 50178  
EN 50295\_x  
IEC/EN 60947-5  
UL 508  
CSA  
CSA Class No.: 3211-03  
UL File No.: E29184  
UL  
CSA-C22.2 No. 14-05  
UL Category Control No.: NKCR  
CSA File No.: 012528  
CE  
CSA-C22.2 No. 94-91

## General

### Current consumption

45 mA, max. total current, Emergency-Stop circuits

### Degree of protection

IP00

### Input

Inputs for 2 contact elements (M22-K01 (N/C), M22-K01 (N/O))  
2-channel inputs (22 V/5 mA, AS-Interface, moduled by code sequence, 2 break contact sets RMQ-Titan M22-K01)  
1 dual-channel input

### Output

Output for 1 LED element: M22-LED-...  
1 Output (19 V/8 mA), Emergency-Stop circuits, Short-circuit proof  
1 Output

### Product category

Accessories

### Protocol

AS-Interface (S-7.B.E)

## Ambient conditions, mechanical

### Mounting position

As required

### Shock resistance

Mechanical, According to IEC/EN 60068-2-27  
30 g, Mechanical, According to IEC/EN 60068-2-27, Shock duration 11 ms

## Climatic environmental conditions

### Ambient operating temperature - min

-25 °C

### Ambient operating temperature - max

70 °C

### Climatic proofing

Damp heat, cyclic, to IEC 60068-2-30  
Damp heat, constant, to IEC 60068-2-78

## Communication

### Addressing

Address set via connection to AS-Interface cable

### Connection to SmartWire-DT

No

### Connection type

Base fixing for RMQ-Titan

### LED indicator

Status indication of Power AS-Interface cable: Green LED on the back  
Status indication of Error AS-Interface, failure of AS-Interface master: Red LED on the back

## Design verification

### Equipment heat dissipation, current-dependent P<sub>vid</sub>

0 W

### Heat dissipation capacity P<sub>diss</sub>

0 W

### Heat dissipation per pole, current-dependent P<sub>vid</sub>

## Resources

### Catalogs

[eaton-rmq-titan-brochure-br047004en-en-us.pdf](#)

[eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf](#)

[Flip catalog - Product Range Catalog - Command and indication](#)

0 W

Rated operational current for specified heat dissipation (In)

0 A

Static heat dissipation, non-current-dependent Pvs

1.5 W

#### 10.2.2 Corrosion resistance

Meets the product standard's requirements.

##### 10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

##### 10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

##### 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects

Meets the product standard's requirements.

#### 10.2.4 Resistance to ultra-violet (UV) radiation

Meets the product standard's requirements.

#### 10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

#### 10.2.6 Mechanical impact

Does not apply, since the entire switchgear needs to be evaluated.

#### 10.2.7 Inscriptions

Meets the product standard's requirements.

#### 10.3 Degree of protection of assemblies

Does not apply, since the entire switchgear needs to be evaluated.

#### 10.4 Clearances and creepage distances

Meets the product standard's requirements.

#### 10.5 Protection against electric shock

Does not apply, since the entire switchgear needs to be evaluated.

#### 10.6 Incorporation of switching devices and components

Does not apply, since the entire switchgear needs to be evaluated.

#### 10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

#### 10.8 Connections for external conductors

#### Drawings

[eaton-electronics-adapter-m22-accessory-dimensions.eps](#)

[eaton-general-m22-accessory-symbol.eps](#)

[eaton-electronic-devices-interface-m22-accessory-3d-drawing.eps](#)

#### eCAD model

[DA-CE-ETN.M22-ASI-CS](#)

#### Installation instructions

[IL04716018Z](#)

#### Installation videos

[RMQ Flat Design](#)

#### Multimedia

[easyE4 SmartWire-DT module with Remote Touch Display and RMQ](#)

[multi color indicator](#)

[RMQ small E-Stop emergency-stop button](#)

[MCI MultiColor Light Indicator RMQ compact solution](#)

[MCI Multicolor Light Indicator M22 with SmartWire-DT](#)

#### Sales notes

[eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf](#)

[eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf](#)

[eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf](#)

[eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf](#)

#### System overview

[Pilot devices - selection aid](#)

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.

#### 10.9.4 Testing of enclosures made of insulating material

Is the panel builder's responsibility.

#### 10.10 Temperature rise

The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

#### 10.11 Short-circuit rating

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

#### 10.12 Electromagnetic compatibility

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

#### 10.13 Mechanical function

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.



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