

Eaton 231270

Catalog Number: 231270

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

General specifications



Product Name	Catalog Number
Eaton Moeller® series M22 Accessory AS-Interface connection	231270
	EAN 4015082312701
Product Length/Depth	Product Height
40 mm	30 mm
Product Width	Product Weight
40 mm	0.023 kg
Certifications	Model Code
CSA Class No.: 3211-03 CSA-C22.2 No. 14-05 EN 50295_x UL File No.: E29184 CE IEC/EN 60947-5 CSA UL Category Control No.: NKCR UL 508 UL EN 50178 CSA File No.: 012528 CSA-C22.2 No. 94-91	M22-ASI-S

Features & Functions

Fitted with:

AS-Interface connector as insulation piercing terminal

General

Current consumption

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

Degree of protection

IP20

Input

2-channel inputs (22 V/5 mA, AS-Interface, moduled by code sequence, 2 break contact sets RMQ-Titan M22-K01)

Inputs for 2 contact elements (M22-K01 (break))

1 dual-channel input

Output

1 Output

Output for 1 LED element: M22-LED-...

1 Output (19 V/8 mA), Emergency-Stop circuits, Short-circuit proof

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, constant, to IEC 60068-2-78

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

Communication

Addressing

Address set via connection to AS-Interface cable

Connection to SmartWire-DT

No

Connection type

Front fixing for RMQ-Titan

Design verification

Equipment heat dissipation, current-dependent P_{vid}

0 W

Heat dissipation capacity P_{diss}

0 W

Heat dissipation per pole, current-dependent P_{vid}

0 W

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

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

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.

Zdroje

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

[Instalační návody](#)

[IL04716018Z](#)

[Multimedia](#)

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

[System overview](#)

[Pilot devices - selection aid](#)

[Výkresy](#)

[270X080](#)

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[0000SPC-653](#)

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