

Specifications

Eaton 231271

Eaton Moeller® series M22 AS-Interface module, 2I, 1Q, spring clamp connection

General specifications

PRODUCT NAME	Eaton Moeller® series M22 Accessory AS- Interface connection
CATALOG NUMBER	231271
MODEL CODE	M22-ASI-C
EAN	4015082312718
PRODUCT LENGTH/DEPTH	40 mm
PRODUCT HEIGHT	30 mm
PRODUCT WIDTH	40 mm
PRODUCT WEIGHT	0.017 kg
CERTIFICATIONS	CSA-C22.2 No. 94-91 DIN EN 50295 IEC/EN 60947 UL File No.: E29184 CSA Class No.: 3211-03 UL IEC/EN 60947-5 UL Category Control No.: NKCR CSA File No.: 012528 UL 508 CSA-C22.2 No. 14-05 CSA CE
GLOBAL CATALOG	231271

Product specifications

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.
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.

Resources

CATALOGS

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

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

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

DRAWINGS

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

[eaton-electronics-base-m22-accessory-3d-drawing.eps](#)

ECAD MODEL

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

FLYERS

[eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf](#)

INSTALLATION INSTRUCTIONS

[IL04716018Z](#)

INSTALLATION VIDEOS

[RMQ Flat Design](#)

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

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

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

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

MULTIMEDIA

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

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

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

SALES NOTES

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.
ADDRESSING	Address set via connection to AS-Interface cable
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
CONNECTION TO SMARTWIRE-DT	No
BEZEL COLOR	Titanium
OUTPUT VOLTAGE	24 V DC (-15/+10 %)
MOUNTING POSITION	As required
OUTPUT	1 (normally 19 V/8 mA) Output, protected against short-circuit Output for 1 LED element: M22-LED-...
CONNECTION TYPE	Base fixing for RMQ-Titan
CABLE LENGTH	2 m connection cable
DEGREE OF PROTECTION	IP00
POWER CONSUMPTION	40 mA
PROTOCOL	AS-Interface (S-3.A.E)
NUMBER OF MODULES	62 (Suconet-K)
RADIO INTERFERENCE CLASS	EN 55011 EN 55022
RATED OPERATIONAL VOLTAGE	26.5 - 31.6 V DC (AS-Interface specification)

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

SHOCK RESISTANCE	30 g, Mechanical, Shock duration 11 ms
AMBIENT OPERATING TEMPERATURE - MAX	55 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
BUILT-IN DIAMETER	0 mm
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
NO-LOAD CURRENT	30 A
INPUT	2 Inputs (22 V/5 mA, protected against short-circuit) Inputs for 2 contacts
INTERFACES	2.1 (Output specification)
LED INDICATOR	Status indication of POWER AS-Interface cable in the switch front: Green LED on the board Status indication of ERROR AS-Interface, AS-Interface Master failure in the switch front: Red LED on the board
NUMBER OF APPLIANCES TO BUILD IN	0
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	1.3 W
PRODUCT CATEGORY	Accessories
PROTECTION	AS-Interface protected against polarity reversal

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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