

Specifications



Eaton 115993

Eaton Moeller® series M22 Card, SmartWire-DT, for enclosure with 4 mounting locations

General specifications

PRODUCT NAME	Eaton Moeller® series M22 Card
CATALOG NUMBER	115993
MODEL CODE	M22-SWD-I4-LP01
EAN	4015081157334
PRODUCT LENGTH/DEPTH	133 mm
PRODUCT HEIGHT	16 mm
PRODUCT WIDTH	47 mm
PRODUCT WEIGHT	0.028 kg
CERTIFICATIONS	CSA File No.: 2324643 UL Category Control No.: NKCR UL UL File No.: E29184 CSA Class No.: 3211-07 CSA
CATALOG NOTES	Circuit boards for M22-I... surface mounting enclosure
GLOBAL CATALOG	115993

Product specifications

ACCESSORY/SPARE PART TYPE	Accessory
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	Does not apply, since the

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
DECLARATIONS OF CONFORMITY	eaton-function-element-declaration-of-conformity-eu250506en.pdf DA-DC-00003974.pdf DA-DC-00003551.pdf
DRAWINGS	eaton-modular-plc-mounting-m22-card-3d-drawing.eps
ECAD MODEL	DA-CE-ETN.M22-SWD-I4-LP01
FLYERS	eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf
INSTALLATION INSTRUCTIONS	IL04716004Z2021_10.pdf
INSTALLATION VIDEOS	RMQ Flat Design
MANUALS AND USER GUIDES	MN05006002Z_EN
MCAD MODEL	DA-CD-leiterplatte_gr4 DA-CS-leiterplatte_gr4
MULTIMEDIA	MCI MultiColor Light Indicator RMQ compact solution easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator MCI Multicolor Light Indicator M22 with SmartWire-DT RMQ small E-Stop emergency-stop button

PROTECTION OF ASSEMBLIES	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.
FITTED WITH:	Connectable SmartWire-DT network terminator
CONNECTION TO SMARTWIRE-DT	Yes
FUNCTIONS	For taking bottom function elements
ELECTRICAL ACCESSORY TYPE	Other
MECHANICAL ACCESSORY TYPE	Other
AMBIENT OPERATING TEMPERATURE - MAX	55 °C
AMBIENT OPERATING TEMPERATURE - MIN	-30 °C
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
NUMBER OF LOCATIONS	4
RATED OPERATIONAL CURRENT FOR SPECIFIED	0 A

SALES NOTES

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

[eaton-rmq-chemical-resistance-flyer-fl047011en-en-us.pdf](#)

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

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

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

HEAT DISSIPATION (IN)

STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS	0.3 W
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PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:

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