Specifications

# Eaton 115993



## Catalog Number: 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

**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

Powering Business Worldwide

## Features & Functions

Fitted with:

Connectable SmartWire-DT network terminator

Functions

For taking bottom function elements

Number of locations

4

## Communication

Connection to SmartWire-DT

Yes

## General

Accessory/spare part type

Accessory

## Climatic environmental conditions

Ambient operating temperature - min

-30 °C

Ambient operating temperature - max

55 °C

## Design verification

Equipment heat dissipation, current-dependent Pvid

0 W

Heat dissipation capacity Pdiss

0 W

Heat dissipation per pole, current-dependent Pvid

0 W

Rated operational current for specified heat dissipation (In)

0 A

Static heat dissipation, non-current-dependent Pvs

0.3 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.

## 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

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

### Installation instructions

IL04716004Z2021_10.pdf

### Installation videos

RMQ Flat Design

### Manuals and user guides

MN05006002Z_EN

### mCAD model

DA-CS-leiterplatte_gr4

DA-CD-leiterplatte_gr4

### Multimedia

MCI Multicolor Light Indicator M22 with SmartWire-DT

MCI MultiColor Light Indicator RMQ compact solution

RMQ small E-Stop emergency-stop button

easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator

### Sales notes

eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf

eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf

eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf

eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf

eaton-rmq-chemical-resistance-flyer-fl047011en-en-us.pdf

### System overview

Pilot devices - selection aid




Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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