Specifications

Eaton 110099



Catalog Number: 110099

Eaton Moeller® series DILM Reversing bridge, for DILM7-M12 DILM12-XR

General specifications

Product Name
Eaton Moeller® series DILM reversing bridge

Catalog Number
110099

EAN
4015081096657

Product Length/Depth
90 mm

Product Height
31 mm

Product Width
7 mm

Product Weight
0.013 kg

Compliances
CE Marked

Certifications
UL 508
EN 60947-4-1
CSA Std. C22.2 No. 14-05
IEC 60947-4-1
UL Category Control No.: NLRV
UL File No.: E36332
CSA Class No.: 3211-05
UL
CSA
CSA-C22.2 No. 14-05
CSA File No.: 012528
IEC/EN 60947-4-1
CE

Powering Business Worldwide

Features Functions

Functions

To assemble reversing starters with tool-less plug connection

General

Accessory/spare part type

Connecting bridge

Overvoltage category

III

Pollution degree

3

Rated impulse withstand voltage (Uimp)

6000 V AC

Type

Connection system SmartWire

Used with

DILM7-DILM12

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

60 °C

Electrical rating

Rated operational voltage (Ue) at AC - min

230 V

Rated operational voltage (Ue) at AC - max

415 V

Design verification

Equipment heat dissipation, current-dependent Pvid

2.1 W

Heat dissipation capacity Pdiss

0 W

Heat dissipation per pole, current-dependent Pvid

0.7 W

Rated operational current for specified heat dissipation (In)

22 A

Static heat dissipation, non-current-dependent Pvs

0 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.

Resources

Catalogs

SmartWire-DT Catalog

Product Range Catalog Switching and protecting motors

eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf

Declarations of conformity

DA-DC-00004811.pdf

DA-DC-00004777.pdf

DA-DC-00004789.pdf

DA-DC-00004792.pdf

DA-DC-00004810.pdf

Drawings

eaton-star-delta-starters-paralleling-link-dilm-paralleling-link-3d-drawing.eps

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

eCAD model

ETN.110099.edz

Installation instructions

IL03407035Z2021_06.pdf

Installation videos

WIN-WIN with push-in technology

mCAD model

eaton-dil-m12-xr-3-d-model.stp

eaton-dil-m12-xr-drawing.dwg

dil_m12_xra2

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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