Specifications

Eaton 240086



Catalog Number: 240086

Eaton Moeller® series DILM Three-phase busbar link for 5 DILM7-12

General specifications

Product Name
Eaton Moeller® series DILM three-phase busbar link

Catalog Number
240086

EAN
4015082400866

Product Length/Depth
202 mm

Product Height
12 mm

Product Width
25 mm

Product Weight
0.07 kg

Certifications
CE
UL
UL Category Control No.: NLRV
CSA Class No.: 2411-03
UL File No.: E36332
CSA File No.: 012528
CSA-C22.2 No. 14-05
IEC/EN 60947-4-1
UL 508
CSA

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Features Functions

Features

Insulated

Functions

Can be extended by rotating installation (Iu ≤ 35 A)

Number of poles

Three-pole

Number of phases

3

Color

Black

Electric connection type

Pin

General

Product category

Accessories

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

60 °C

Electrical rating

Rated operational voltage (Ue) - max

690 V

Rated uninterrupted current (Iu)

35 A

Short-circuit rating

Rated conditional short-circuit current (Iq)

0 kA

Rated short-time withstand current (Icw)

0 kA

Design verification

Equipment heat dissipation, current-dependent Pvid

2.4 W

Heat dissipation capacity Pdiss

0 W

Heat dissipation per pole, current-dependent Pvid

0.8 W

Rated operational current for specified heat dissipation (In)

35 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.

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

Resources

Catalogs

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

SmartWire-DT Catalog

Product Range Catalog Switching and protecting motors

Declarations of conformity

DA-DC-00004810.pdf

DA-DC-00004779.pdf

DA-DC-00004820.pdf

DA-DC-00004792.pdf

DA-DC-00004777.pdf

Drawings

eaton-contactors-busbar-dilm-accessory-dimensions-003.eps

eaton-contactors-busbar-dilm-accessory-3d-drawing-002.eps

eCAD model

ETN.240086.edz

Installation videos

WIN-WIN with push-in technology

mCAD model

dilm12_xdsb0_5

dilm12_xdsb0_5.stp

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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