Specifications

Eaton 208289



Catalog Number: 208289

Eaton Moeller® series DILM Mechanical interlock for DILM185A up to DILM500

General specifications

Product Name
Eaton Moeller® series DILM interlock

Catalog Number
208289

EAN
4015082082895

Product Length/Depth
70 mm

Product Height
76 mm

Product Width
50 mm

Product Weight
0.11 kg

Certifications
UL 508
UL Category Control No.: NKCR
UL File No.: E29184
CSA File No.: 012528
CSA-C22.2 No. 14-05
CSA
CSA Class No.: 3211-04
UL
CE
IEC/EN 60947-4-1

Powering Business Worldwide

General

Accessory/spare part type

Mechanical locking

Product category

Accessories

Climatic environmental conditions

Ambient operating temperature - min

-40 °C

Ambient operating temperature - max

60 °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 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.

Resources

Catalogs

Switching and protecting motors - catalog

Product Range Catalog Switching and protecting motors

Declarations of conformity

DA-DC-00004796.pdf

DA-DC-00004804.pdf

Drawings

eaton-contactors-interlock-dilm-dimensions.eps

eaton-contactors-interlock-dilm-3d-drawing.eps

eCAD model

ETN.DILM500-XMV

Installation instructions

eaton-contactors-dilm-x-accessories-for-contactors-instruction-leaflet-il03406009z.pdf

eaton-mechanical-interlock-dilm-xmv-il03407029z.pdf

mCAD model

dil_m_xmv

dil_m_xmv.stp

System overview

eaton-contactors-system55-dilm-explosion-drawing.eps

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

Not applicable.

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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