Specifications

Eaton 1713611



Catalog Number: 1713611

Eaton PHM Fuse switch-disconnector, PHM, 16 A, service distribution board mounting, 1 pole, 16A fuse integrated

General specifications

Product Name
Eaton PHM Fuse switch-disconnector

Catalog Number
1713611

EAN
8711426743441

Product Length/Depth
95 mm

Product Height
93 mm

Product Width
40 mm

Product Weight
182.206 g

Certifications
CE
KEMA
VDE 0660
IEC/EN 60204
IEC/EN 60947-3
IEC/EN 60947
RoHS

Powering Business Worldwide

Product specifications

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 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.

Resources

Catalogs

Eaton-industrial-switch-disconnectors-catalogue-ca008011en-en-gb.pdf

Product Range Catalog Industrial switch-disconnectors

Declarations of conformity

DA-DC-00004909.pdf

DA-DC-00004876.pdf

eCAD model

DA-CE-ETN.PHM25-16AFUSE

Installation instructions

IL008051ZU

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:

Connectors

Pollution degree

3

Rated operational power at AC-23A, 400 V, 50 Hz

0 kW

Rated permanent current (Iu)

16 A

Rated uninterrupted current (Iu)

16 A

Static heat dissipation, non-current-dependent Pvs

0 W

Stripping length (main cable)

8 mm

Product category

Fuse switch-disconnector

Conditioned rated short-circuit current Iq

0 kA

Number of poles

Single-pole

Rated operation power at AC-23, 400 V

0 kW

Degree of protection

IP20

Rated short-time withstand current (Icw)

0 kA

Electrical connection type of main circuit

Screw connection

Actuator position

Front side

Actuator type

Without actuator

Ambient operating temperature - max

50 °C

Ambient operating temperature - min

-25 °C

Ambient storage temperature - max

80 °C

Ambient storage 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

3 W

Mounting position

As required

Overvoltage category

III

Suitable for fuses

Other

Cable entry type

Top/bottom

Mounting method

Service distribution board mounting

Degree of protection (front side)

IP20

Electrical connection type

Screw connection

Tightening torque

3 Nm, Screw terminals

Terminal capacity (solid)

1.5 - 16 mm²

Terminal capacity (flexible)

1.5 - 10 mm²

Operating temperature - max

55 °C

Operating temperature - min

-25 °C

Rated operating voltage (Ue) at AC - max

400 V

Rated operational current for specified heat dissipation (In)

0 A

Uninterrupted current

Rated uninterrupted current Iu is specified for max. cross-section.

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

© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.

Eaton.com/socialmedia