Specifications

Eaton 280970

Catalog Number: 280970

Eaton Moeller® series Neutral terminal, for P5-125/160, rear mounting



General specifications

Product Name
Eaton Moeller® series Accessory Neutral terminal

Catalog Number
280970

EAN
4015082809706

Product Length/Depth
50 mm

Product Height
75 mm

Product Width
130 mm

Product Weight
0.291 kg

Compliances
CE

Powering Business Worldwide

Product specifications

Type

Neutral terminals

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.

Resources

Brochures

Brochure - T Rotary Cam switch and P Switch-disconnector

Catalogs

P Switch-disconnectors and T Rotary cam switches catalogue

CA042001EN

eCAD model

DA-CE-ETN.N-P5-125_160Z

Installation instructions

IL008053ZU

Installation videos

Eaton's P Switch-disconnectors used in a factory

mCAD model

DA-CD-n_p5_125_160_z

DA-CS-n_p5_125_160_z

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.

Accessory/spare part type

Neutral terminal

Ambient operating temperature - max

50 °C

Ambient operating temperature - min

-25 °C

Equipment heat dissipation, current-dependent Pvid

0 W

Heat dissipation capacity Pdiss

0 W

Heat dissipation per pole, current-dependent Pvid

10 W

Rated operational current for specified heat dissipation (In)

160 A

Static heat dissipation, non-current-dependent Pvs

0 W

Stripping length (main cable)

17 mm

Mounting position

Right side

Left side

Mounting method

Flush mounting

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