Specifications

Eaton 257830

Catalog Number: 257830

Eaton Moeller® series Rapid Link Round conductor outgoer, 1-fold, 2.5-4qmm



General specifications

Product Name
Eaton Moeller® series Rapid Link Accessory Connection socket

Catalog Number
257830

EAN
4015082578305

Product Length/Depth
158 mm

Product Height
55 mm

Product Width
112.5 mm

Product Weight
0.328 kg

Certifications
IEC/EN 60529
EN 60664-1
DESINA
EN 61684

Powering Business Worldwide

Product specifications

Accessories

1 lock mechanism and 1 pairs of gaskets for these cable diameters included with supplied equipment.

Type

Connection socket (for power connection cable)

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.

10.2.5 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

Resources

Application notes

Connecting drives to generator supplies

Generation Change RA-SP to RASP5

Generation Change RASP4 to RASP5

Generation change from RA-MO to RAMO 4.0

Generation change from RA-SP to RASP 4.0

Configuration to Rockwell PLC for Rapid Link

Electromagnetic compatibility (EMC)

Generation change RAMO4 to RAMO5

Brochures

eaton-powerxl-variable-frequency-drives-material-handling-brochure-br040017en-en-us.pdf

eaton-rapid-link-5-brochure-br040014en-en-us.pdf

Catalogs

Product Range Catalog Drives Engineering

Declarations of conformity

DA-DC-00003949.pdf

DA-DC-00003686.pdf

Drawings

eaton-bus-adapter-rapid-link-connection-socket-dimensions.eps

eaton-bus-adapter-rapid-link-connection-socket-3d-drawing.eps

Installation videos

Rapid Link 5

Manuals and user guides

MN03406003Z_EN

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:

A pair of gaskets for these cable diameters
Lock mechanism

Enclosure material

Polycarbonate

Accessory/spare part type

Connection technique

Contact type

Piercing/screw terminals

Degree of protection

IP65, according to IEC/EN 60529

Mounting position

As required

Ambient operating temperature - max

50 °C

Ambient operating temperature - min

-30 °C

Ambient storage temperature - max

70 °C

Ambient storage temperature - min

-40 °C

Locking facility

Material of locking facility: Polyamide (PA)

Rated operational current (Ie)

10 A

25 A (4 mm²)

Rated operational voltage (Ue) at AC - max

690 V

Rated operational voltage (Ue) at DC - max

24 V

Product category

Accessories

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