Specifications

Eaton 198282



Catalog Number: 198282

Eaton Moeller® series Rapid Link 10-m motor cable RASP5

General specifications

Product Name
Eaton Moeller® series Rapid Link Accessory Motor cable

Catalog Number
198282

EAN
4015081958566

Product Length/Depth
10100 mm

Product Height
30 mm

Product Width
50 mm

Product Weight
2.95 kg

Certifications
EN 61684
DIN VDE 0110
IEC/EN 60529

Powering Business Worldwide

Product specifications

Used with

RASP

Product Category

Accessories

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

Resources

Application notes

Generation Change RASP4 to RASP5

Electromagnetic compatibility (EMC)

Generation change from RA-MO to RAMO 4.0

Generation change RAMO4 to RAMO5

Generation change from RA-SP to RASP 4.0

Connecting drives to generator supplies

Generation Change RA-SP to RASP5

Configuration to Rockwell PLC for Rapid Link

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-00003430.pdf

DA-DC-00003946.pdf

Drawings

eaton-bus-adapter-rapidlink-motor-cable-3d-drawing.eps

Installation videos

Rapid Link 5

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.

Contact material

Silver-plated copper

Enclosure material

Metal

Accessory/spare part type

Cable

Outer cable diameter

9 - 13 mm

Environmental resistance

VDE 0472 Part 803 A/B (Resistance to oils and acids)

Ambient operating temperature - max

70 °C

Ambient operating temperature - min

-30 °C

RAL-number

2003

Degree of protection

IP65

Permitted bending radius

10 x outer cable diameter

Flammability characteristics

Flame retardance, fire propagation: according to IEC 60332-2

Terminal capacity

4 x 1.5 + 2 x (2 x 0.75) mm² screened, Connection cable

Conductor cross-section, Contact pins: 4 x 1.5 + 4 x 0.75 mm²,

Metal housing with plug-in connection

Functions

Connecting the speed controller to the motor

Material

Cable: Copper (Cu) flexible according to VDE 0295 Class 6

Outer casing halogen free

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