Specifications

# Eaton 198280



## Catalog Number: 198280

Eaton Moeller® series Rapid Link 2-m motor cable RASP5

### General specifications

**Product Name**
Eaton Moeller® series Rapid Link Accessory Motor cable

**Catalog Number**
198280

**EAN**
4015081958542

**Product Length/Depth**
2120 mm

**Product Height**
30 mm

**Product Width**
50 mm

**Product Weight**
0.75 kg

**Certifications**
DIN VDE 0110
IEC/EN 60529
EN 61684

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 from RA-MO to RAMO 4.0

Generation change RAMO4 to RAMO5

Generation Change RA-SP to RASP5

Electromagnetic compatibility (EMC)

Connecting drives to generator supplies

Generation change from RA-SP to RASP 4.0

Configuration to Rockwell PLC for Rapid Link

Generation Change RASP4 to RASP5

### Brochures

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

eaton-powerxl-variable-frequency-drives-material-handling-brochure-br040017en-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

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

Metal housing with plug-in connection

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

### 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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