

5-m motor cable RASP5



**Part no. RASP-CM2-5M0  
198281**

<b>General specifications</b>		
Product name		Eaton Moeller® series Rapid Link Accessory Motor cable
Part no.		RASP-CM2-5M0
EAN		4015081958559
Product Length/Depth		5160 millimetre
Product height		30 millimetre
Product width		50 millimetre
Product weight		1.7 kilogram
Certifications		DIN VDE 0110 EN 61684 IEC/EN 60529
Product Tradename		Rapid Link
Product Type		Accessory
Product Sub Type		Motor cable
<b>Features &amp; Functions</b>		
Enclosure material		Metal
Functions		Connecting the speed controller to the motor
Material		Cable: Copper (Cu) flexible according to VDE 0295 Class 6 Outer casing halogen free
RAL-number		2003
<b>General information</b>		
Accessory/spare part type		Cable
Degree of protection		IP65
Flammability characteristics		Flame retardance, fire propagation: according to IEC 60332-2
Terminal capacity		4 x 1.5 + 2 x (2 x 0.75) mm <sup>2</sup> screened, Connection cable Conductor cross-section, Contact pins: 4 x 1.5 + 4 x 0.75 mm <sup>2</sup> , Metal housing with plug-in connection
Used with		RASP
<b>Ambient conditions, mechanical</b>		
Environmental resistance		VDE 0472 Part 803 A/B (Resistance to oils and acids)
<b>Climatic environmental conditions</b>		
Ambient operating temperature - min		-30 °C
Ambient operating temperature - max		70 °C
<b>Contacts</b>		
Contact material		Silver-plated copper
<b>Cable</b>		
Outer cable diameter		9 - 13 mm
Permitted bending radius		10 x outer cable diameter
<b>Design verification</b>		
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.
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.
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.

## Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Accessories/spare parts for frequency controller (EC002025)			
Electric engineering, automation, process control engineering / Electrical drive / Static frequency converter / Static frequency converter (accessories) (ecl@ss13-27-02-31-92 [AFR303008])			
Type of accessory/spare part			Cable
Accessory			Yes
Spare part			No