DATASHEET - RAMO-CM1-10M

Motor cable, 10m, halogen free, for RAMO

Part no. **RAMO-CM1-10M**
164284

General specifications	
Product name	Eaton Moeller® series Rapid Link Accessory Motor cable
Part no.	RAMO-CM1-10M
EAN	4015081608140
Product Length/Depth	350 millimetre
Product height	70 millimetre
Product width	400 millimetre
Product weight	2.45 kilogram
Certifications	DIN VDE 0110 IEC/EN 60529 EN 61684
Product Tradename	Rapid Link
Product Type	Accessory
Product Sub Type	Motor cable
Features & Functions	
Enclosure material	Polycarbonate
Features	Halogen free Plastic plug 8 x 1.5 mm^2
Functions	For connecting the motor starter to the motor
Locking facility	Material of locking facility: Polyamide (PA)
Material	Polycarbonate Cable: Copper (Cu) flexible according to VDE 0295 Class 5 Outer casing halogen free
RAL-number	7001
General information	
Accessory/spare part type	Cable
Degree of protection	IP65, according to IEC/EN 60529
Flammability characteristics	Flame retardance, fire propagation: according to EN 50265-2-1
Terminal capacity	8 x 1.5 mm^2, Connection cable Conductor cross-section, Contact pins: 8 x 1.5 mm^2, Metal housing with plug-in connection
Used with	RAMO
Ambient conditions, mechanical	
Environmental resistance	VDE 0472 Part 803 B (Resistance to oils and acids)
Climatic environmental conditions	
Ambient operating temperature - min	-30 °C
Ambient operating temperature - max	70 °C
Contacts	
Contact material	Silver-plated copper
Cable	
Outer cable diameter	9 - 13 mm
Permitted bending radius	6 x outer cable diameter
Design verification	
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

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