# DATASHEET - RAMO-CM1-2M0

**Motor cable, 2m, halogen free, for RAMO**

**Part no.** **RAMO-CM1-2M0**
**164282**

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| **General specifications** | |
| Product name | Eaton Moeller® series Rapid Link Accessory Motor cable |
| Part no. | RAMO-CM1-2M0 |
| EAN | 4015081608126 |
| Product Length/Depth | 350 millimetre |
| Product height | 70 millimetre |
| Product width | 400 millimetre |
| Product weight | 0.5 kilogram |
| Certifications | IEC/EN 60529<br>EN 61684<br>DIN VDE 0110 |
| Product Tradename | Rapid Link |
| Product Type | Accessory |
| Product Sub Type | Motor cable |
| **Features & Functions** | |
| Enclosure material | Polycarbonate |
| Features | Plastic plug<br>Halogen free<br>8 x 1.5 $mm^2$ |
| Functions | For connecting the motor starter to the motor |
| Locking facility | Material of locking facility: Polyamide (PA) |
| Material | Cable: Copper (Cu) flexible according to VDE 0295 Class 5<br>Polycarbonate<br>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<br>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. |

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| 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

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| 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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