

Bulkhead interface, 0.6 m, Prefabricated cable with permanently connected USB 3.0 Type A plug, Bezel: titanium**Part no. M22-USB-SA****107412****EL Number****4355600****(Norway)**

| General specifications | |
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| Product name | Eaton Moeller® series M22 Accessory Bulkhead interface |
| Part no. | M22-USB-SA |
| EAN | 4015081071500 |
| Product Length/Depth | 120 millimetre |
| Product height | 30 millimetre |
| Product width | 120 millimetre |
| Product weight | 0.043 kilogram |
| Compliances | CE Marked |
| Certifications | IEC 6113-2 UL 508 CSA Std. C22.2 No. 142 UL Category Control No.: DUXR, DUXR7 IEC/EN 6113-2 UL File No.: E330994 CE CSA-C22.2 No. 142 UL report applies to both US and Canada UL CSA Class No.: none Certified by UL for use in Canada |
| Product Tradename | M22 |
| Product Type | Accessory |
| Product Sub Type | Bulkhead interface |
| Catalog Notes | Prefabricated cable with permanently connected USB 3.0 Type A plug |
| Features & Functions | |
| Bezel color | Titanium |
| Design | USB 3.0 A |
| Material | Titanium front ring |
| Number of poles | Nine-pole |
| General information | |
| Accessories | Connection cable |
| Accessory/spare part type | Accessory |
| Degree of protection | IP20 (with plug connected) IP65 (with closed cover) NEMA 12 (with closed cover) |
| Lifespan, mechanical | 100 insertion cycles |
| Limit value class | 3 |
| Mounting depth | 70 mm |
| Opening diameter | 22.5 mm |
| Climatic environmental conditions | |
| Ambient operating temperature - min | -20 °C |
| Ambient operating temperature - max | 70 °C |
| Ambient storage temperature - min | 25 °C |
| Ambient storage temperature - max | 80 °C |
| Electrical rating | |
| Insulation resistance | ≥ 100 MΩ |
| Nominal current | 900 A |
| Nominal voltage - max | 30 V |
| Rated operational voltage | 5 V AC/DC |
| Resistance | < 30 mΩ (volume resistance) |
| Communication | |

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| Connection to SmartWire-DT | | No |
| Data transfer rate | | 5 GBit/s, max. |
| Contacts | | |
| Contact material | | CuSn, gold-plated |
| Contact type | | 1:1 |
| Force for positive opening - min | | 0 N |
| Cable | | |
| Cable length | | 0.6 m |
| Cable sheath material | | Polyvinyl chloride (PVC) |
| Outer cable diameter | | 6.1 mm |
| Permitted bending radius | | 15 x cable diameter |
| Design verification | | |
| Heat dissipation capacity Pdiss | | 0 W |
| 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 | | Please enquire |
| 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

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| Low-voltage industrial components (EG000017) / Accessories/spare parts for command devices (EC002024) | | |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Command and alarm device (accessories) (ecl@ss13-27-37-12-92 [ACO037015]) | | |
| Type of electrical accessory/spare part | | Other |
| Type of mechanical accessory/spare part | | Other |
| Accessory | | Yes |
| Spare part | | No |