



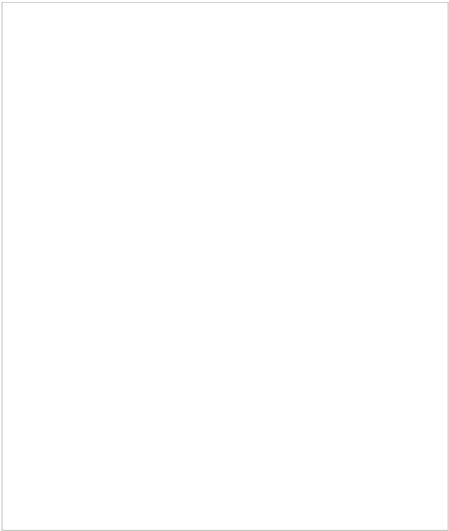
RMQ TITAN MODULAR PILOT DEVICES  
147539

  
Overview

  
Specifications

  
Resources

How to



147539

Eaton Moeller® series M22 Bulkhead interface, USB  
titanium

Contact me about this product



GENERAL SPECIFICATIONS

General specifications



PRODUCT NAME Eaton Moeller® series M22 Accessory Bulkhead interface

CATALOG NUMBER 147539

Product specifications



MODEL CODE M22-USB

EAN 4015081439904

PRODUCT LENGTH/DEPTH 50 mm

PRODUCT HEIGHT 45 mm

PRODUCT WIDTH 30 mm

PRODUCT WEIGHT 0.02 kg

UL  
UL report applies to both US and Canada  
CSA Class No.: none  
Certified by UL for use in Canada  
UL File No.: E330994

<b>CERTIFICATIONS</b>	CE UL 508 CSA-C22.2 No. 142 IEC/EN 6113-2 UL Category Control No.: DUXR, DUXR7
<b>CATALOG NOTES</b>	USB 3.0 socket, Type A
<b>PRODUCT SPECIFICATIONS</b>	
<b>NOMINAL CURRENT</b>	900 A
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specification must be observed.
<b>OPENING DIAMETER</b>	22.5 mm
<b>ACCESSORY/SPARE PART TYPE</b>	Accessory
<b>RATED OPERATIONAL VOLTAGE</b>	5 V AC/DC
<b>MECHANICAL ACCESSORY TYPE</b>	Other
<b>HEAT DISSIPATION CAPACITY PDISS</b>	0 W
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility. The specification must be observed.
<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to
<b>DESIGN</b>	USB 3.0 A
<b>CONTACT TYPE</b>	1:1
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>AMBIENT STORAGE TEMPERATURE - MIN</b>	25 °C
<b>DATA TRANSFER RATE</b>	5 GBit/s, max.
<b>INSULATION RESISTANCE</b>	$\geq 100 \text{ M}\Omega$
<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Meets the product standard's requirements.
<b>FORCE FOR POSITIVE OPENING - MIN</b>	0 N
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>LIFESPAN, MECHANICAL</b>	100 insertion cycles
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>ELECTRICAL ACCESSORY TYPE</b>	Other

	EN 60670-1
<b>DEGREE OF PROTECTION</b>	NEMA 12 (with closed cover) IP65 (with closed cover) IP20 (with plug connected)
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	70 °C
<b>AMBIENT STORAGE TEMPERATURE - MAX</b>	80 °C
<b>NOMINAL VOLTAGE - MAX</b>	30 V
<b>BEZEL COLOR</b>	Titanium
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the device
<b>CONNECTION TO SMARTWIRE-DT</b>	No
<b>MOUNTING DEPTH</b>	27 mm
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>NUMBER OF POLES</b>	Nine-pole
<b>CONTACT MATERIAL</b>	CuSn, gold-plated
<b>RESISTANCE</b>	< 30 mΩ (volume resistance)
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-20 °C
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to be tested
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Please enquire
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>LIMIT VALUE CLASS</b>	3
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to be tested
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the instructions in the instruction leaflet (IL) is observed.
<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to be tested
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to be tested

---

Catalogs

---

Certification reports

---

Drawings

---

eCAD model

---

Installation instructions

---

Installation videos

---

mCAD model

---

System overview

---

Wiring diagrams

---

147539



Eaton is an intelligent power management company dedicated to improving the quality of life and protecting the environment for people everywhere. We are guided by our commitment to do business right, to operate sustainably and to help our customers manage power — today and well into the future. By capitalizing on the global growth trends of electrification and digitalization, we're accelerating the planet's transition to renewable energy and helping to solve the world's most urgent power management challenges.

