



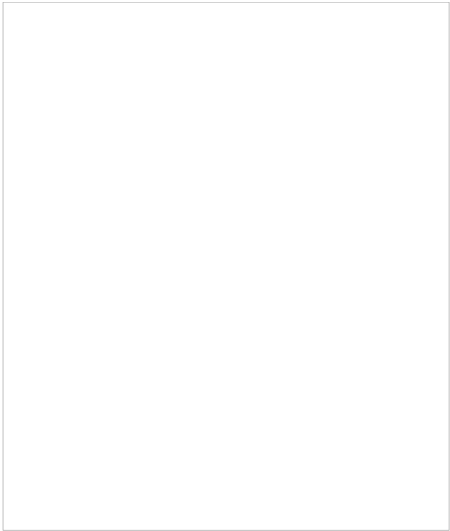
RMQ TITAN MODULAR PILOT DEVICES  
147543

  
Overview

  
Specifications

  
Resources

How to



147543

Eaton Moeller® series M22 Bulkhead interface, 1.5  
permanently connected USB 3.0 Type A plug, Beze

Contact me about this product



Photo is representative



GENERAL SPECIFICATIONS

General specifications	>	PRODUCTNAME	Eaton Moeller® series M22 Accessory Bulkhead int
		CATALOG NUMBER	147543
Product specifications	>	MODEL CODE	M22-USB-SA-150
		EAN	4015081439942
		PRODUCT LENGTH/DEPTH	120 mm
		PRODUCT HEIGHT	30 mm
		PRODUCT WIDTH	120 mm
		PRODUCT WEIGHT	0.14 kg
			IEC/EN 6113-2 UL UL 508

<b>CERTIFICATIONS</b>	Certified by UL for use in Canada
	CSA Class No.: none
	UL Category Control No.: DUXR, DUXR7
	CE
	UL File No.: E330994
	CSA-C22.2 No. 142
	UL report applies to both US and Canada
<b>CATALOG NOTES</b>	Prefabricated cable with permanently connected USB
<b>PRODUCT SPECIFICATIONS</b>	
<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>RATED OPERATIONAL VOLTAGE</b>	5 V AC/DC
<b>MECHANICAL ACCESSORY TYPE</b>	Other
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>PERMITTED BENDING RADIUS</b>	15 x cable diameter
<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>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>CABLE SHEATH MATERIAL</b>	Polyvinyl chloride (PVC)
<b>AMBIENT STORAGE TEMPERATURE - MIN</b>	25 °C
<b>FORCE FOR POSITIVE OPENING - MIN</b>	0 N
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>OUTER CABLE DIAMETER</b>	6.1 mm
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	70 °C
<b>BEZEL COLOR</b>	Titanium
<b>CONNECTION TO SMARTWIRE-DT</b>	No
<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>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to
<b>CABLE LENGTH</b>	1.5 m
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to
<b>USED WITH</b>	Used for USB connection
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the inf instruction leaflet (IL) is observed.
<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to
<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
<b>NOMINAL CURRENT</b>	900 A
<b>ACCESSORY/SPARE PART TYPE</b>	Accessory
<b>HEAT DISSIPATION CAPACITY PDISS</b>	0 W
<b>CONTACT TYPE</b>	1:1
<b>DATA TRANSFER RATE</b>	5 GBit/s, max.
<b>INSULATION RESISTANCE</b>	≥ 100 MΩ
<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>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
<b>DEGREE OF PROTECTION</b>	IP65 (with closed cover) IP20 (with plug connected) NEMA 12 (with closed cover)
<b>AMBIENT STORAGE TEMPERATURE - MAX</b>	80 °C
<b>NOMINAL VOLTAGE - MAX</b>	30 V
<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 devi
<b>MOUNTING DEPTH</b>	70 mm
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV)</b>	Please enquire

RADIATION	
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
LIMIT VALUE CLASS	3

Brochures

Catalogs

Certification reports

Drawings

eCAD model

Installation instructions

Installation videos

mCAD model

System overview

Wiring diagrams

147543

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.