

Specifications



Eaton 147539

Eaton Moeller® series M22 Bulkhead interface, USB 3.0 socket, Type A, Bezel: titanium

General specifications

PRODUCT NAME	Eaton Moeller® series M22 Accessory Bulkhead interface
CATALOG NUMBER	147539
MODEL CODE	M22-USB
EAN	4015081439904
PRODUCT LENGTH/DEPTH	50 mm
PRODUCT HEIGHT	45 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.02 kg
CERTIFICATIONS	UL UL report applies to both US and Canada CSA Class No.: none Certified by UL for use in Canada UL File No.: E330994 CE UL 508 CSA-C22.2 No. 142 IEC/EN 6113-2 UL Category Control No.: DUXR, DUXR7
CATALOG NOTES	USB 3.0 socket, Type A
GLOBAL CATALOG	147539

Product specifications

ACCESSORY/SPARE PART TYPE	Accessory
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.
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	Does not apply, since the

Resources

CATALOGS	eaton-rmq-titan-brochure-br047004en-en-us.pdf Flip catalog - Product Range Catalog - Command and indication eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
DRAWINGS	eaton-operating-m22-bulkhead-interface-dimensions.eps eaton-operating-3d-drawing.eps
ECAD MODEL	DA-CE-ETN.M22-USB
FLYERS	eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf
INSTALLATION INSTRUCTIONS	IL04716002Z
INSTALLATION VIDEOS	RMQ Flat Design
MCAD MODEL	DA-CS-m22_usb_sa_v2 DA-CD-m22_usb_sa_v2
MULTIMEDIA	MCI Multicolor Light Indicator M22 with SmartWire-DT RMQ small E-Stop emergency-stop button MCI MultiColor Light Indicator RMQ compact solution easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator
SALES NOTES	eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf

PROTECTION OF ASSEMBLIES	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.
CONTACT MATERIAL	CuSn, gold-plated
CONNECTION TO SMARTWIRE-DT	No
BEZEL COLOR	Titanium
CONTACT TYPE	1:1
DESIGN	USB 3.0 A
DEGREE OF PROTECTION	NEMA 12 (with closed cover) IP65 (with closed cover) IP20 (with plug connected)
ELECTRICAL ACCESSORY TYPE	Other
RATED OPERATIONAL VOLTAGE	5 V AC/DC
RESISTANCE	< 30 mΩ (volume resistance)
MECHANICAL ACCESSORY TYPE	Other
INSULATION RESISTANCE	≥ 100 MΩ
LIFESPAN, MECHANICAL	100 insertion cycles
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-20 °C

[eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf](#)

WIRING DIAGRAMS

[eaton-operating-m22-bulkhead-interface-wiring-diagram.eps](#)

AMBIENT STORAGE TEMPERATURE - MAX	80 °C
AMBIENT STORAGE TEMPERATURE - MIN	25 °C
FORCE FOR POSITIVE OPENING - MIN	0 N
HEAT DISSIPATION CAPACITY PDISS	0 W
MOUNTING DEPTH	27 mm
NOMINAL CURRENT	900 A
DATA TRANSFER RATE	5 GBit/s, max.
LIMIT VALUE CLASS	3
NOMINAL VOLTAGE - MAX	30 V
OPENING DIAMETER	22.5 mm
NUMBER OF POLES	Nine-pole

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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