

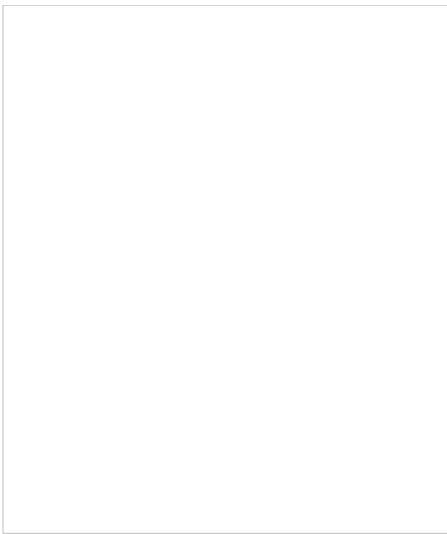
RMQ TITAN MODULAR PILOT DEVICES
232233


Overview


Specifications


Resources

 How to



232233

Eaton Moeller® series M22 Potentiometer, Classical
0.5 W, Bezel: black

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216535

Eaton Moeller® series M22 Surface
mounting enclosure, 1 mounting location

216537

Eaton Moeller® series M22 Surface
mounting enclosure, 2 mounting locations

216538

Eaton Moeller® series M22 Surface
mounting enclosure, 3 mounting locations

216536

Eaton Moeller® series M22 Surface
mounting enclosure, yellow, 1
location

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General specifications	>	PRODUCT NAME	Eaton Moeller® series M22 Potentiometer
		CATALOG NUMBER	232233
Product specifications	>	MODEL CODE	M22S-R10K
		EAN	4015082322335
		PRODUCT LENGTH/DEPTH	70 mm
		PRODUCT HEIGHT	29 mm
		PRODUCT WIDTH	29 mm
		PRODUCT WEIGHT	0.034 kg
		COMPLIANCES	RoHS Compliant

CERTIFICATIONS	CSA File No.: 012528 CSA Class No.: 3211-03 IEC/EN 60947 VDE 0660 IEC/EN 60947-5-1 CSA-22.2 No. 14-05 UL UL File No.: E29184 CE UL 508 UL Category Control No.: NKCR CSA
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PRODUCT SPECIFICATIONS

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specifications must be observed.
OPENING DIAMETER	22.5 mm
10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.
10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility. The specifications must be observed.
10.2.5 LIFTING	Does not apply, since the entire switchgear needs to be lifted.
BEZEL	Black
DESIGN	Classical
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
FITTED WITH:	3 individual screw terminals
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.

TERMINAL CAPACITY (STRANDED)	0.5 - 1.5 mm ²
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
BEZEL COLOR	Black
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
CONNECTION TO SMARTWIRE-DT	No
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0.5 W
10.9.3 IMPULSE WITHSTAND VOLTAGE	Is the panel builder's responsibility.
RESISTANCE	10000 Ohm
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Does not apply, since the entire switchgear needs to
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Does not apply, since the entire switchgear needs to
USED WITH	Modular pushbutton
MOUNTING POSITION	As required
ELECTRIC CONNECTION TYPE	Screw connection
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the instruction leaflet (IL) is observed.
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel builder's responsibility.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	Does not apply, since the entire switchgear needs to
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
TERMINAL CAPACITY (SOLID)	0.5 - 1.5 mm ²
ACCURACY	± 10 % (linear), Resistance value
NUMBER OF REVOLUTIONS - MIN	1
POWER CONSUMPTION	0.5 W
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.

LIFESPAN, MECHANICAL	25,000 Operations
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
RATED POWER	0.5 VA
OVERVOLTAGE CATEGORY	III
DEGREE OF PROTECTION	IP66 NEMA Other
POLLUTION DEGREE	3
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4000 V AC
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the device
TIGHTENING TORQUE	0.5 Nm, Screw terminals
TYPE	Potentiometer
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Please enquire
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
NUMBER OF REVOLUTIONS - MAX	1
SHOCK RESISTANCE	Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27 11 ms
RATED INSULATION VOLTAGE (UI)	250 V

Brochures

Catalogs

Certification reports

Drawings

eCAD model

Installation instructions

Installation videos

mCAD model

System overview

Wiring diagrams

232233



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.