Eaton 229490

Eaton Moeller® series M22 Potentiometer, Classical, M22, 22.5 mm, R 4.7 kΩ, P 0.5 W, Bezel: titanium

PRODUCT NAME	Eaton Moeller® series M22 Potentiometer
CATALOG NUMBER	229490
PRODUCT LENGTH/DEPTH	70 mm
PRODUCT HEIGHT	29 mm
PRODUCT WIDTH	29 mm
PRODUCT WEIGHT	0.034 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	UL 508 EN 60947-5 IEC 60947-5 CSA Std. C22.2 No. 94-91 CSA Std. C22.2 No. 14-05 CSA Class No.: 3211-03 IEC/EN 60947-5 CSA IEC/EN 60947 CSA-C22.2 No. 94-91 CSA-C22.2 No. 14-05 CE UL Category Control No.: NKCR CSA File No.: 012528 UL File No.: E29184 VDE 0660 UL

Powering Business Worldwide

TYPE	Potentiometer
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 PROTECTION OF	Does not apply, since the entire switchgear needs to

DECLARATIONS OF CONFORMITY	eaton-key-operated-actuator-declaration-of-conformity-uk251347en.pdf
	IL04716002Z IL047030ZU
	eaton-operating-potentiometer-m30-wiring-diagram.eps
	eaton-operating-potentiometer-m22-dimensions-003.eps
/	RMQ small E-Stop emergency-stop button

ASSEMBLIES	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.
ELECTRIC CONNECTION TYPE	Screw connection
FITTED WITH:	3 individual screw terminals
POLLUTION DEGREE	3
ACCURACY	± 10 % (linear), Resistance value
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
CONNECTION TO SMARTWIRE-DT	No
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4000 V AC
BEZEL COLOR	Titanium
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W

HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
NUMBER OF REVOLUTIONS - MAX	1
NUMBER OF REVOLUTIONS - MIN	1
OPENING DIAMETER	22.5 mm
RATED INSULATION VOLTAGE (UI)	250 V
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
RATED POWER	0.5 VA
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0.5 W
DESIGN	Classical
MOUNTING POSITION	As required
OVERVOLTAGE CATEGORY	III
DEGREE OF PROTECTION	IP66 NEMA Other
POWER CONSUMPTION	0.5 W
LIFESPAN, MECHANICAL	25,000 Operations
SHOCK RESISTANCE	30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
RESISTANCE	4700 Ohm
TERMINAL CAPACITY (SOLID)	0.5 - 1.5 mm^2
TERMINAL CAPACITY (STRANDED)	0.5 - 1.5 mm^2
TIGHTENING TORQUE	0.5 Nm, Screw terminals

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
:	

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