

Specifications



Eaton 188108

Eaton Moeller® series M30 Potentiometer, flat front, M30, 30.5 mm, R 1 k Ω , P 0.5 W, Front ring stainless steel

General specifications

PRODUCT NAME	Eaton Moeller® series M30 Potentiometer
CATALOG NUMBER	188108
MODEL CODE	M30I-FR1K
EAN	4015081857869
PRODUCT LENGTH/DEPTH	36 mm
PRODUCT HEIGHT	63 mm
PRODUCT WIDTH	46 mm
PRODUCT WEIGHT	0.055 kg
CERTIFICATIONS	VDE 0660 IEC/EN 60947
GLOBAL CATALOG	188108

Product specifications

TYPE	Potentiometer
ELECTRIC CONNECTION TYPE	Screw connection
FITTED WITH:	3 individual screw terminals
POLLUTION DEGREE	3
ACCURACY	± 10 % (linear), Resistance value
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
CONNECTION TO SMARTWIRE-DT	No
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4000 V AC
BEZEL COLOR	Stainless steel
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
NUMBER OF REVOLUTIONS - MAX	1
NUMBER OF REVOLUTIONS - MIN	1
OPENING DIAMETER	30 mm
RATED INSULATION VOLTAGE (UI)	250 V
RATED POWER	0.5 VA
DESIGN	Flat front
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	Not planned
RESISTANCE	1000 Ohm
TERMINAL CAPACITY (SOLID)	0.5 - 1.5 mm ²
TERMINAL CAPACITY (STRANDED)	0.5 - 1.5 mm ²

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](#)

DECLARATIONS OF CONFORMITY

[eaton-key-operated-actuator-declaration-of-conformity-eu250863en.pdf](#)

[eaton-key-operated-actuator-declaration-of-conformity-eu250864en.pdf](#)

[DA-DC-00004157.pdf](#)

[DA-DC-00004135.pdf](#)

[eaton-operating-m30-potentiometer-dimensions.eps](#)

[eaton-operating-m30-dimensions-004.eps](#)

[eaton-operating-m30-dimensions-005.eps](#)

[eaton-operating-m30-dimensions-006.eps](#)

[eaton-operating-m30-potentiometer-3d-drawing.eps](#)

[eaton-general-approval-m22-symbol.eps](#)

[eaton-general-m22-symbol.eps](#)

DRAWINGS

ECAD MODEL

[DA-CE-ETN.M30I-FR1K](#)

FLYERS

[eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf](#)

INSTALLATION INSTRUCTIONS

[IL047030ZU](#)

TIGHTENING TORQUE	0.5 Nm, Screw terminals
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	eaton-operating-devices-m30-rmq-titan-flat-front-instruction-leaflet-il047019zu.pdf
INSTALLATION VIDEOS	RMQ Flat Design
MCAD MODEL	DA-CS-potentiometer_flatfront DA-CD-potentiometer_flatfront
MULTIMEDIA	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 MCI Multicolor Light Indicator M22 with SmartWire-DT
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 eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf
WIRING DIAGRAMS	eaton-operating-potentiometer-m30-wiring-diagram.eps

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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