

INDUSTRIAL COMPONENT DATA

M30I-FR1K 188108 Y7-188108 EATON ELECTRIC

Potentiometer, flat front, R 1 kOhm

Brand: EATON - MOELLER | Manufacturer Part Number: M30I-FR1K



Manufacturer	EATON - MOELLER
MPN / Reference	M30I-FR1K
Catalog number	Y7-188108
Category	Potentiometer for command devices
Minimum order	1 Pcs
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Product Overview

Potentiometer, flat front, R = 1 kOhm

M30I-FR1K

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

Potentiometer, RMQ design: flat front, Part group reference (e.g. DIL): M30, Mounting hole diameter: 30.5 mm, Single unit,

Description: 3 individual screw terminals, Accuracy of resistance value: $\pm 10\%$ (linear), Impedance: R= 1 k?, Rated power:

P= 0.5 W, Degree of Protection: IP66, Front ring stainless steel, Connection to SmartWire-DT: no, Standards: IEC/EN

60947, VDE 0660

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path

EATON - MOELLER > Auxiliary Control and Signalling Elements

Additional Product Information

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 Features & Functions

Bezel color Stainless steel Design Flat front Electric connection type Screw connection Fitted with: 3 individual screw terminals General

Accuracy $\pm 10\%$ (linear), Resistance value Degree of protection IP66

NEMA Other Lifespan, mechanical 25,000 Operations Opening diameter 30 mm Overvoltage category III Pollution degree 3

Rated impulse withstand voltage (Uimp) 4000 V AC Type Potentiometer Ambient conditions, mechanical
Mounting position As required Shock resistance Not planned Climatic environmental conditions
Ambient operating temperature - min -25 °C Ambient operating temperature - max 70 °C Climatic proofing Damp heat,
cyclic, to IEC 60068-2-30
Damp heat, constant, to IEC 60068-2-78 Terminal capacities
Terminal capacity (solid) 0.5 - 1.5 mm² Terminal capacity (stranded) 0.5 - 1.5 mm² Tightening torque 0.5 Nm, Screw
terminals Electrical rating
Power consumption 0.5 W Rated insulation voltage (Ui) 250 V Rated power 0.5 VA Resistance 1000 Ohm Communication
Connection to SmartWire-DT No
ETIM for 188108 Low-voltage industrial controls and switchgear (EC001027)
Feature Name
Feature Value
Resistance (EF002431)
1000 Ohm
Power consumption (EF000346)
0.5 W
Hole diameter (EF000079)
30 mm
Number of rev...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / M30I-FR1K with the required quantity to info@electricaonline.com or use
electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd
Floor, JLT, Dubai

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requirements against the manufacturer documentation before purchase or installation.