Specifications

Eaton 188111

Catalog Number: 188111

Eaton Moeller® series M30 Potentiometer, flat front, M30, 30.5 mm, R 100 kΩ, P 0.5 W, Front ring stainless steel



General specifications

Product Name
Eaton Moeller® series M30 Potentiometer

Catalog Number
188111

EAN
4015081857890

Product Length/Depth
36 mm

Product Height
63 mm

Product Width
46 mm

Product Weight
0.055 kg

Certifications
IEC/EN 60947
VDE 0660

Powering Business Worldwide

Features & Functions

Bezel color

Stainless steel

Design

Flat front

Electric connection type

Screw connection

Fitted with:

3 individual screw terminals

General

Accuracy

± 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

100000 Ohm

Resources

Catalogs

eaton-rmq-titan-brochure-br047004en-en-us.pdf

eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf

Flip catalog - Product Range Catalog - Command and indication

Declarations of conformity

DA-DC-00004157.pdf

DA-DC-00004135.pdf

Drawings

eaton-operating-m30-dimensions-005.eps

eaton-operating-m30-potentiometer-dimensions.eps

eaton-operating-m30-dimensions-004.eps

eaton-operating-m30-dimensions-006.eps

eaton-general-m22-symbol.eps

eaton-general-approval-m22-symbol.eps

eaton-operating-m30-potentiometer-3d-drawing.eps

eCAD model

DA-CE-ETN.M30I-FR100K

Installation instructions

IL047030ZU

eaton-operating-devices-m30-rmq-titan-flat-front-instruction-leaflet-il047019zu.pdf

Installation videos

RMQ Flat Design

mCAD model

DA-CD-potentiometer_flatfront

DA-CS-potentiometer_flatfront

Multimedia

easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator

RMQ small E-Stop emergency-stop button

MCI MultiColor Light Indicator RMQ compact solution

Communication

Connection to SmartWire-DT

No

MCI Multicolor Light Indicator M22 with SmartWire-DT

Sales notes

eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf

eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf

eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf

eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf

System overview

Pilot devices - selection aid

Wiring diagrams

eaton-operating-potentiometer-m30-wiring-diagram.eps

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