

Eaton 229490

Catalog Number: 229490

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

General specifications



Product Name
Eaton Moeller® series M22
Potentiometer

Catalog Number
229490

Model Code
M22-R4K7

EAN
4015082294908

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

Features & Functions

Bezel color

Titanium

Design

Classical

Electric connection type

Screw connection

Fitted with:

3 individual screw terminals

General

Degree of protection

IP66

NEMA Other

Lifespan, mechanical

25,000 Operations

Opening diameter

22.5 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

30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms

Mechanical, According to IEC/EN 60068-2-27

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

70 °C

Climatic proofing

Damp heat, constant, to IEC 60068-2-78

Damp heat, cyclic, to IEC 60068-2-30

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

Resistance

4700 Ohm

Actuator

Connection to SmartWire-DT

No

Resources

Brochures

[RMQ Titan - brochure](#)

[RMQ Flat Enclosure - Flyer](#)

[RMQ Titan emergency stop push button - Flyer](#)

[RMQ MCI - Flyer](#)

[RMQ Small E-Stop - Flyer](#)

Catalogues

[Flip catalog - Product Range Catalog - Command and indication](#)

[Product Range Catalog Command and Indication Control Circuit Devices, Signal Towers](#)

Certification reports

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

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

Drawings

[eaton-operating-potentiometer-m22-dimensions-003.eps](#)

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

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

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

eCAD model

[DA-CE-ETN.M22-R4K7](#)

Installation instructions

[IL047030ZU](#)

[IL04716002Z](#)

Installation videos

[RMQ Flat Design](#)

mCAD model

[DA-CD-potentiometer](#)

[DA-CS-potentiometer](#)

System overview

[Pilot devices - selection aid](#)

Wiring diagrams

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



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