Toote tehnilised andmed

Eaton 229491

Catalog Number: 229491

Eaton Moeller® series M22 Potentiometer, Classical, M22, 22.5 mm, R 10 kΩ, P 0.5 W, Bezel: titanium

General specifications

Product Name
Eaton Moeller® series M22 Potentiometer

Catalog Number
229491

EAN
4015082294915

Product Length/Depth
70 mm

Product Height
29 mm

Product Width
29 mm

Product Weight
0.034 kg

Compliances
CE Marked

Certifications
IEC 60947-5-1
UL 508
EN 60947-5-1
CSA Std. C22.2 No. 14-05
VDE
CSA Class No.: 3211-03
VDE 0660
CSA
CE
CSA File No.: 012528
UL Category Control No.: NKCR
CSA-22.2 No. 14-05
UL
UL File No.: E29184
IEC/EN 60947
IEC/EN 60947-5-1

Model Code
M22-R10K

Powering Business Worldwide

Omadused ja funktsioonid

Bezel color

Titanium

Design

Classical

Electric connection type

Screw connection

Fitted with:

3 individual screw terminals

Üldist

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

Used with

DILET series

ETR4-70 series

Keskkonnatingimused, mehaanilised

Mounting position

As required

Shock resistance

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

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

Ilmastikutingimused

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

Klemmide ristlõige

Terminal capacity (solid)

0.5 - 1.5 mm²

Terminal capacity (stranded)

0.5 - 1.5 mm²

Tightening torque

0.5 Nm, Screw terminals

Elektrilised andmed

Power consumption

0.5 W

Rated insulation voltage (Ui)

250 V

Resistance

10000 Ohm

Kommunikatsioon

Connection to SmartWire-DT

No

Vastavusavaldus

Equipment heat dissipation, current-dependent Pvid

0 W

Heat dissipation capacity Pdiss

0 W

Heat dissipation per pole, current-dependent Pvid

0 W

Rated operational current for specified heat dissipation (In)

0 A

Static heat dissipation, non-current-dependent Pvs

0.5 W

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 assemblies

Does not apply, since the entire switchgear needs to 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.

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.

Lisainfo

eCAD model

ETN.229491.edz

Elektriskeemid

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

Joonised

eaton-operating-potentiometer-m22-dimensions-003.eps

mCAD model

DA-CD-potentiometer

DA-CS-potentiometer

Multimedia

RMQ small E-Stop emergency-stop button

Paigaldusjuhised

IL047160022

IL047030ZU

System overview

Pilot devices - selection aid