

Eaton 121463

Catalog Number: 121463

Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton, RMQ-Titan, Palm-tree shape, 45 mm, Non-illuminated, Turn-to-release function, Red, yellow, RAL 3000, with mechanical switch position indication

General specifications



Product Name	Catalog Number
Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton	121463
	EAN
	4015081192830
Product Length/Depth	Product Height
67 mm	45 mm
Product Width	Product Weight
45 mm	0.043 kg
Certifications	Model Code
IEC/EN 60947	M22-PVT45P-MPI
VDE 0660	
DNV	
GL	
LR	

Omadused ja funktsioonid

Bezel color

Other

Base color

Yellow

Bezel material

Other

Color

Red

Design

Palm-tree shaped
Classical

Features

Tamper-proof (according to ISO 13850, EN 418)

Illumination

Non-illuminated

Indication

With mechanical switch position indication
Switch position indication green: Pushbutton released
Switch position indication red: Pushbutton actuated

RAL-number

3000

Unlocking method

Turn-release

Üldist

Degree of protection

NEMA 4X
IP67/IP69K

Lifespan, mechanical

100,000 Operations

Opening diameter

22.5 mm

Operating frequency

600 Operations/h

Product category

RMQ-Titan

Product category

RMQ-Titan

Size

Front dimensions: 22 x 22 mm

Suitable for

Emergency stop

Type

Controlled stop pushbutton/emergency-stop button

Keskkonnatingimused, mehaanilised

Mounting position

As required

Shock resistance

Mechanical, According to IEC/EN 60068-2-27
50 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

Ambient storage temperature - min

Kommunikatsioon

Connection to SmartWire-DT

No

Aktuaator

40 °C

Ambient storage temperature - max

80 °C

Climatic proofing

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

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

Actuating force

50 N

Actuator color

Red

Actuator diameter

45 mm

Actuator function

Switching function latching

Turn-to-release

Kontaktid

Force for positive opening - min

0 N

Vastavusavaldus

Equipment heat dissipation, current-dependent P_{vid}

0 W

Heat dissipation capacity P_{diss}

0 W

Heat dissipation per pole, current-dependent P_{vid}

0 W

Rated operational current for specified heat dissipation (I_n)

0 A

Static heat dissipation, non-current-dependent P_{vs}

0 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

Not applicable.

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.

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eCAD model

[ETN.121463.edz](#)

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[eaton-operating-m22-dimensions-007.eps](#)

[eaton-operating-m22-dimensions-015.eps](#)

[eaton-operating-button-symbol-002.eps](#)

[eaton-operating-m22-3d-drawing-004.eps](#)

mCAD model

[DA-CD-not_aus_45_schaltanzeige](#)

[DA-CS-not_aus_45_schaltanzeige](#)

Multimedia

[RMQ small E-Stop emergency-stop button](#)

Paigaldusjuhised

[IL04716002Z](#)

[IL04716005Z.pdf](#)

System overview

[Pilot devices - selection aid](#)

Vastavusavaldused

[DA-DC-00004975.pdf](#)

[DA-DC-00004971.pdf](#)



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