Specifications

Eaton 115963



Catalog Number: 115963

Eaton Moeller® series FAK Palm switch, 1N/O, mushroom black

General specifications

Product Name	**Catalog Number**
Eaton Moeller® series FAK Palm switch	115963
EAN	**Product Length/Depth**
4015081157037	100 mm
Product Height	**Product Width**
85 mm	85 mm
Product Weight	**Certifications**
0.35 kg	IEC/EN 60947-5-5 VDE 0660

Powering Business Worldwide

Features & Functions

Enclosure color

Black

Gray

Unlocking method

None

General

Connection to SmartWire-DT

No

Degree of protection

NEMA 4X

IP67/IP69K

Lifespan, mechanical

1,000,000 Operations (AC operated)

Mounting position

As required

Opening diameter

0 mm

Operating frequency

3600 Operations/h

Product category

Foot and palm switches

Shock resistance

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

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

Type

Basic device

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

55 °C

Climatic proofing

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

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

Actuator

Actuating force

40 N

Actuator color

Black

Actuator function

Spring-return

Momentary

Contacts

Number of contacts (normally closed contacts)

0

Number of contacts (normally open contacts)

Design verification

Equipment heat dissipation, current-dependent Pvid

0 W

Heat dissipation capacity Pdiss

1

0 W

Heat dissipation per pole, current-dependent Pvid

0.11 W

Rated operational current for specified heat dissipation (In)

6 A

Static heat dissipation, non-current-dependent Pvs

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

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.

Resources

Catalogs

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

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

Declarations of conformity

DA-DC-00004173.pdf

DA-DC-00004084.pdf

eCAD model

ETN.FAK-S_KC10_I

Installation instructions

IL04716028Z2018_06

IL047027ZU

mCAD model

fak.stp

fak

Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.

Eaton.com/socialmedia