

FAK FOOT AND PALM SWITCHES
229748


Overview


Specifications


Resources

How to buy

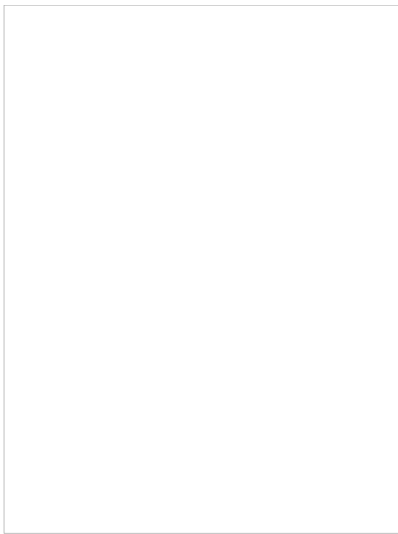



Photo is representative

229748

Eaton Moeller® series FAK Palm switch, 1N/O+1N/O, off, surface mounting

How to buy

 [Configure pilot devices online](#)
Integrating functional safety in machines

GENERAL SPECIFICATIONS

General specifications >

PRODUCT NAME Eaton Moeller® series FAK Palm switch

CATALOG NUMBER 229748

Product specifications >

MODEL CODE FAK-R/V/KC11/IY

EAN 4015082297480

PRODUCT LENGTH/DEPTH 100 mm

PRODUCT HEIGHT 85 mm

PRODUCT WIDTH 85 mm

PRODUCT WEIGHT 0.32 kg

IEC/EN 60947-5
CE
CSA Class No.: 3211-03

CERTIFICATIONS

VDE 0660
IEC/EN 60947-5-5
UL 508
UL Category Control No.: NKCR
UL File No.: E29184
CSA
CSA File No.: 012528
CSA-C22.2 No. 14-05
CSA-C22.2 No. 94-91
UL

CATALOG NOTES

Contacts with safety function, by positive opening t

PRODUCT SPECIFICATIONS

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)

6 A

10.11 SHORT-CIRCUIT RATING

Is the panel builder's responsibility. The specification must be observed.

ENCLOSURE COLOR

Yellow
Black

OPENING DIAMETER

0 mm

10.4 CLEARANCES AND CREEPAGE DISTANCES

Meets the product standard's requirements.

10.12 ELECTROMAGNETIC COMPATIBILITY

Is the panel builder's responsibility. The specification must be observed.

10.2.5 LIFTING

Does not apply, since the entire switchgear needs to

10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES

Meets the product standard's requirements.

10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS

Is the panel builder's responsibility.

RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)

1 kA

ACTUATING FORCE

60 N

AMBIENT OPERATING TEMPERATURE - MAX

55 °C

CLIMATIC PROOFING

Damp heat, constant, to IEC 60068-2-78
Damp heat, cyclic, to IEC 60068-2-30

FEATURES

Emergency stop pushbutton
Tamper-proof (according to ISO 13850/EN 418)

CONNECTION TO SMARTWIRE-DT

No

STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS

0 W

10.9.3 IMPULSE WITHSTAND VOLTAGE

Is the panel builder's responsibility.

AMBIENT OPERATING TEMPERATURE - MIN

-25 °C

10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Does not apply, since the entire switchgear needs to
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Does not apply, since the entire switchgear needs to
MOUNTING POSITION	As required
ACTUATOR FUNCTION	Switching function latching Maintained
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the instruction leaflet (IL) is observed.
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel builder's responsibility.
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	1
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	Does not apply, since the entire switchgear needs to
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0.11 W
OPERATING FREQUENCY	600 Operations/h
PRODUCT CATEGORY	Foot and palm switches
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
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.
LIFESPAN, MECHANICAL	100,000 Operations
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
OVERVOLTAGE CATEGORY	III
DEGREE OF PROTECTION	IP67/IP69K NEMA 4X
ACTUATOR COLOR	Red
POLLUTION DEGREE	3
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the devi
TYPE	Complete device
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.

10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Please enquire
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	1
UNLOCKING METHOD	Pull-release
SHOCK RESISTANCE	Mechanical, According to IEC/EN 60068-2-27 15 g, Mechanical, According to IEC/EN 60068-2-27 shock 11 ms

Brochures

Catalogs

Certification reports

Drawings

eCAD model

Installation instructions

mCAD model

Wiring diagrams

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Eaton is an intelligent power management company dedicated to improving the quality of life and protecting the environment for people everywhere. We are guided by our commitment to do business right, to operate sustainably and to help our customers manage power — today and well into the future. By capitalizing on the global growth trends of electrification and digitalization, we're accelerating the planet's transition to renewable energy and helping to

solve the world's most urgent power management challenges.