DATASHEET - FAK-R/V/KC02/IY

Palm switch, 2 N/C, emergency switching off, surface mounting

Part no.	**FAK-R/V/KC02/IY**
	256790
EL Number (Norway)	**4315134**

General specifications

Product name	Eaton Moeller® series FAK Palm switch
Part no.	FAK-R/V/KC02/IY
EAN	4015082567903
Product Length/Depth	100 millimetre
Product height	85 millimetre
Product width	85 millimetre
Product weight	0.322 kilogram
Certifications	IEC/EN 60947-5-5 UL IEC/EN 60947-5 CSA CSA-C22.2 No. 94-91 VDE 0660 UL 508 UL Category Control No.: NKCR CSA-C22.2 No. 14-05 CE CSA File No.: 012528 CSA Class No.: 3211-03 UL File No.: E29184
Product Tradename	FAK
Product Type	Palm switch
Product Sub Type	None
Catalog Notes	Contacts with safety function, by positive opening to IEC/EN 60947-5-1

Features & Functions

Enclosure color	Black Yellow
Features	Emergency stop pushbutton Tamper-proof (according to ISO 13850/EN 418)
Unlocking method	Pull-release

General information

Connection to SmartWire-DT	No
Degree of protection	IP67/IP69K NEMA 4X
Lifespan, mechanical	100,000 Operations
Mounting position	As required
Opening diameter	0 mm
Operating frequency	600 Operations/h
Product category	Foot and palm switches
Shock resistance	15 g, Mechanical, According to IEC/EN 60068-2-27, Half-Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
Type	Complete device

Climatic environmental conditions

Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	55 °C
Climatic proofing	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78

Actuator

Actuating force	60 N
Actuator color	Red
Actuator function	Switching function latching Maintained

Contacts

Number of contacts (normally closed contacts)			2
Number of contacts (normally open contacts)			0

Design verification

Equipment heat dissipation, current-dependent Pvid			0 W
Heat dissipation capacity Pdiss			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.

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Foot-/palm switch complete (EC000231)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Foot, palm switch (ecl@ss13-27-37-12-17 [AKF035019])

Unlocking method			Pull-release
Colour cap			Red
Number of contacts as normally open contact			0
Number of contacts as normally closed contact			2
Switching function latching			Yes
Spring-return			No
Hole diameter		mm	0
Degree of protection (IP)			IP67/IP69K
Degree of protection (NEMA)			4X