DATASHEET - FAK-R/V/KC02/IY

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

Powering Business Worldwide™

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	UL File No.: E29184 CSA Class No.: 3211-03 CSA File No.: 012528 CE CSA-C22.2 No. 14-05 UL Category Control No.: NKCR UL 508 VDE 0660 CSA-C22.2 No. 94-91 CSA IEC/EN 60947-5 UL IEC/EN 60947-5-5
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	Yellow Black
Features	Tamper-proof (according to ISO 13850/EN 418) Emergency stop pushbutton
Unlocking method	Pull-release
General information	
Connection to SmartWire-DT	No
Degree of protection	NEMA 4X IP67/IP69K
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	Mechanical, According to IEC/EN 60068-2-27 15 g, Mechanical, According to IEC/EN 60068-2-27, Half-Sinusoidal shock 11 ms
Type	Complete 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	60 N
Actuator color	Red
Actuator function	Maintained Switching function latching
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