



Palm switch, 1 N/C, emergency switching off, surface mounting

Part no. FAK-R/V/KC01/IY
229747
EL Number 4355791
(Norway)

General specifications		
Product name		Eaton Moeller® series FAK Palm switch
Part no.		FAK-R/V/KC01/IY
EAN		4015082297473
Product Length/Depth		100 millimetre
Product height		85 millimetre
Product width		85 millimetre
Product weight		0.308 kilogram
Certifications		VDE 0660 CSA File No.: 012528 CE UL Category Control No.: NKCR IEC/EN 60947-5-5 CSA-C22.2 No. 14-05 CSA UL File No.: E29184 CSA Class No.: 3211-03 CSA-C22.2 No. 94-91 UL IEC/EN 60947-5 UL 508
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 12
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, 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)			1
Number of contacts (normally open contacts)			0
Design verification			
Equipment heat dissipation, current-dependent P _{vid}			0 W
Heat dissipation capacity P _{diss}			0 W
Heat dissipation per pole, current-dependent P _{vid}			0.11 W
Rated operational current for specified heat dissipation (I _n)			6 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			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 (ec@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			1
Switching function latching			Yes
Spring-return			No
Hole diameter		mm	0
Degree of protection (IP)			IP67/IP69K
Degree of protection (NEMA)			12