

## Palm switch, 1N/0+1N/C, emergency switching off, surface mounting

Part no.	FAK-R/V/KC11/IY
Catalog No.	229748
Alternate Catalog No.	FAK-R-V-KC11-IY
EL-Nummer	4355223
(Norway)	

## Delivery program

Product range	Foot and palm switches
Basic function	Complete devices
Single unit/Complete unit	Complete unit
Function	maintained
Description	Pull to release Emergency stop pushbutton tamper-proof to ISO 13850/EN 418
<b>Contacts</b>	
N/O = Normally open	1 N/O
N/C = Normally closed	1 NC 
Notes	 = safety function, by positive opening to IEC/EN 60947-5-1
<b>Colour</b>	
Button	Red
enclosure top	Yellow
Enclosure base	Black
Connection to SmartWire-DT	no

## Technical data

<b>General</b>			
Standards			IEC/EN 60947-5-5, VDE 0660
Lifespan, mechanical	Operations	$\times 10^6$	> 0.1
Operating frequency	Operations/h		≤ 600
Actuating force	N		40 - 60
Degree of protection, IEC/EN 60529			IP66, IP67, IP69
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature			
Open	°C		-25 - +55
Mounting position			As required
Mechanical shock resistance	g		> 15 Shock duration 11 ms Sinusoidal according to IEC 60068-2-27

## Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	$I_n$	A	6
Heat dissipation per pole, current-dependent	$P_{vid}$	W	0.11
Equipment heat dissipation, current-dependent	$P_{vid}$	W	0
Static heat dissipation, non-current-dependent	$P_{vs}$	W	0
Heat dissipation capacity	$P_{diss}$	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	55
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			Meets the product standard's requirements.
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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties		
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 8.0

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@ss10.0.1-27-37-12-17 [AKF035014])

Unlocking method		Pull-release
Colour cap		Red
Number of contacts as normally open contact		1
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)		4X