



Palm switch, 1N/O+1N/C, mushroom red, surface mounting

Part no. FAK-R/KC11/I
 Catalog No. 229746
 Eaton Catalog No. FAK-R-KC11-I
 EL-Nummer 0004355222
 (Norway)

Delivery program

Product range		Foot and palm switches
Basic function		Complete devices
Single unit/Complete unit		Complete unit
Function		momentary
Contacts		
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
Contact sequence		
Colour		
Button		Red
enclosure top		gray
Enclosure base		Black
Approval		
Connection to SmartWire-DT		no

Technical data

General

Standards			IEC/EN 60947-5-1, VDE 0660
Lifespan, mechanical	Operations	x 10 ⁶	> 1
Operating frequency	Operations/h		≤ 3600
Actuating force		N	20 - 40
Degree of protection, IEC/EN 60529			IP66, IP67, IP69K
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			
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 7.0

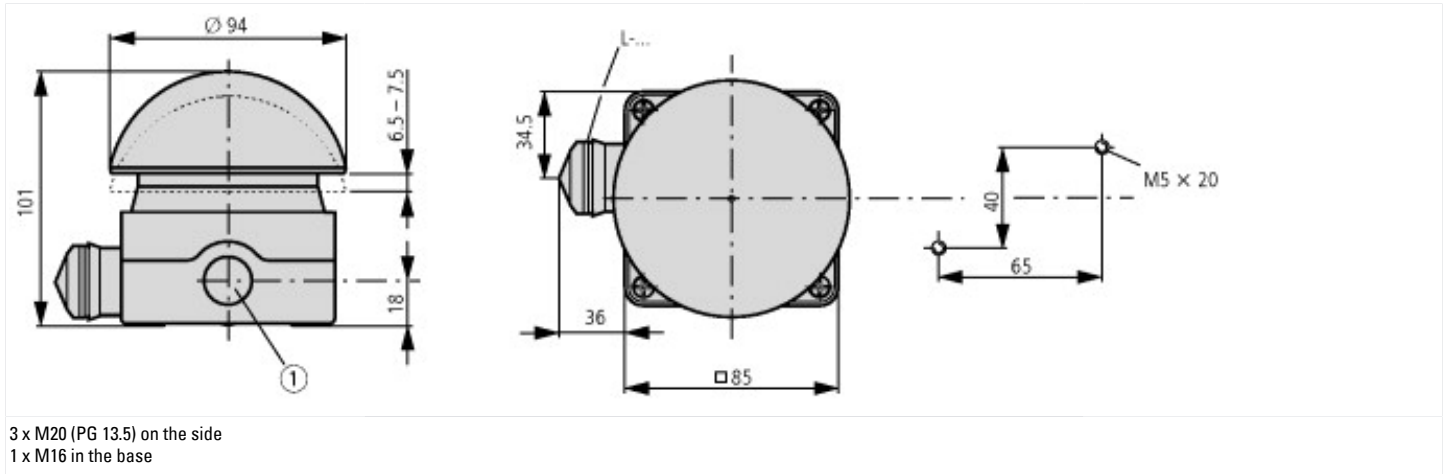
Low-voltage industrial components (EG000017) / Foot-/palm switch complete (EC000231)

Unlocking method		None
Colour cap		Red
Number of contacts as normally open contact		1
Number of contacts as normally closed contact		1
Switching function latching		No
Spring-return		Yes
Hole diameter	mm	0
Degree of protection (IP)		IP67/IP69K
Degree of protection (NEMA)		4X

Approvals

Product Standards		IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking
UL File No.		E29184
UL Category Control No.		NKCR
CSA File No.		012528
CSA Class No.		3211-03
North America Certification		UL listed, CSA certified
Degree of Protection		UL/CSA Type 3R, 4X, 12, 13

Dimensions



Additional product information (links)

IL04716006Z (AWA1160-1696) Indicator light	
IL04716006Z (AWA1160-1696) Indicator light	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716006Z2018_06.pdf
IL04716017Z (AWA1160-1467) Foot and palm switches	
IL04716017Z (AWA1160-1467) Foot and palm switches	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716017Z2018_05.pdf