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## Eaton 256790

Eaton Moeller® series FAK Palm switch, 2 N/C, emergency switching off, surface mounting

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<b>PRODUCT NAME</b>	Eaton Moeller® series FAK Palm switch
<b>CATALOG NUMBER</b>	256790
<b>PRODUCT LENGTH/DEPTH</b>	100 mm
<b>PRODUCT HEIGHT</b>	85 mm
<b>PRODUCT WIDTH</b>	85 mm
<b>PRODUCT WEIGHT</b>	0.322 kg
<b>CERTIFICATIONS</b>	CSA-C22.2 No. 14-05 IEC/EN 60947-5 CSA File No.: 012528 UL UL Category Control No.: NKCR CSA Class No.: 3211-03 IEC/EN 60947-5-5 CSA-C22.2 No. 94-91 CSA UL File No.: E29184 CE UL 508 VDE 0660
<b>CATALOG NOTES</b>	Contacts with safety function, by positive opening to IEC/EN 60947-5-1



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<b>TYPE</b>	Complete device
<b>ACTUATOR COLOR</b>	Red
<b>FEATURES</b>	Tamper-proof (according to ISO 13850/EN 418) Emergency stop pushbutton
<b>ACTUATOR FUNCTION</b>	Maintained
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Please enquire
<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product

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DECLARATIONS OF CONFORMITY	<a href="#">eaton-palm-switch-declaration-of-conformity-uk251030en.pdf</a>
MCAD MODEL	<a href="#">fak.stp</a>
□□□□□	<a href="#">IL04716006Z</a> <a href="#">IL04716017Z</a>
□□	<a href="#">eaton-operating-button-symbol-005.eps</a> <a href="#">eaton-operating-switch-fak-palm-switch-3d-drawing-002.eps</a> <a href="#">eaton-general-fak-palm-switch-symbol.eps</a> <a href="#">eaton-operating-m22-symbol.eps</a>



	standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>OPERATING FREQUENCY</b>	600 Operations/h
<b>POLLUTION DEGREE</b>	3
<b>CLIMATIC PROOFING</b>	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
<b>CONNECTION TO SMARTWIRE-DT</b>	No
<b>ENCLOSURE COLOR</b>	Yellow Black
<b>ACTUATING FORCE</b>	60 N
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	55 °C
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>	0 W
<b>HEAT DISSIPATION CAPACITY PDISS</b>	0 W
<b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID</b>	0.11 W
<b>NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)</b>	2



NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	0
MOUNTING POSITION	As required
RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)	1 kA
OVERVOLTAGE CATEGORY	III
DEGREE OF PROTECTION	NEMA 4X IP67/IP69K
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
LIFESPAN, MECHANICAL	100,000 Operations
UNLOCKING METHOD	Pull-release
OPENING DIAMETER	0 mm
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	6 A
STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS	0 W
PRODUCT CATEGORY	Foot and palm switches

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:



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