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Eaton 115963

Eaton Moeller® series FAK Palm switch,
1N/O, mushroom black

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| PRODUCT NAME | Eaton Moeller® series FAK Palm switch |
| CATALOG NUMBER | 115963 |
| PRODUCT LENGTH/DEPTH | 100 mm |
| PRODUCT HEIGHT | 85 mm |
| PRODUCT WIDTH | 85 mm |
| PRODUCT WEIGHT | 0.35 kg |
| CERTIFICATIONS | IEC/EN 60947-5-5 VDE 0660 |

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| TYPE | Basic device |
| ACTUATOR COLOR | Black |
| ACTUATOR FUNCTION | Momentary |
| 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. |
| 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. |

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| DECLARATIONS OF CONFORMITY | eaton-palm-switch-declaration-of-conformity-uk251014en.pdf |
| MCAD MODEL | fak.stp |
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| 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. |
| OPERATING FREQUENCY | 3600 Operations/h |
| POLLUTION DEGREE | 3 |
| CLIMATIC PROOFING | Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30 |
| CONNECTION TO SMARTWIRE-DT | No |
| ENCLOSURE COLOR | Black Gray |
| ACTUATING FORCE | 40 N |
| AMBIENT OPERATING TEMPERATURE - MAX | 55 °C |
| AMBIENT OPERATING TEMPERATURE - MIN | -25 °C |
| EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID | 0 W |
| HEAT DISSIPATION CAPACITY PDISS | 0 W |
| HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID | 0.11 W |
| NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS) | 0 |
| NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS) | 1 |
| MOUNTING POSITION | As required |

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| 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 | 1,000,000 Operations (AC operated) |
| UNLOCKING METHOD | None |
| 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 |

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| PROJECT NAME: |
| PROJECT NUMBER: |
| PREPARED BY: |
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