Eaton 088527

Eaton Moeller® series MCS Pressure switch, 1W, 15bar MCS11

| PRODUCT NAME | Eaton Moeller® series MCS Pressure switch |
|-------------------------|---|
| CATALOG NUMBER | 088527 |
| PRODUCT LENGTH/DEPTH | 96 mm |
| PRODUCT HEIGHT | 111 mm |
| PRODUCT WIDTH | 60 mm |
| PRODUCT WEIGHT | 0.383 kg |
| CERTIFICATIONS | CSA File No.: 012528 CSA-CC22.2 No. 14 IEC/EN 60947-5-1 CSA Class No.: 3211-06 CSA |
| CATALOG NOTES | Note on use: This product complies with Low-Voltage Directive 2014/35/EC and EMC Directive 2014/30/EC and meets the requirements in EN 60947-5-1. This product does not meet the rail industry's standard requirements. Accordingly, the user must review it separately for the specific application at hand. If required: pressure pipe flange R ½" |



| SUITABLE AS2-point controller GuardFEATURESVariable switching differentialTHREAD SIZE1/4 inchELECTRIC CONNECTION TYPEScrew connectionOPERATING FREQUENCY1500 Operations/hPOLLUTION DEGREE3ACTUATOR DIAMETER0 mmADJUSTABLE CURRENT RANGE - MAX0 AABIENT OPERATING TEMPERATURE - MIN0 AABBIENT OPERATING TEMPERATURE - MIN0 barBURSTING PRESSURE90 barBURSTING PRESSURE0 bPaEND SETTING - MAX0 hPaEND SETTING - MAX0 bPaINITIAL SETTING - MAX0 hPaINITIAL SETTING - MAX0 hPaINI | | |
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| | CONTACTS (NORMALLY | 0 |

| CHARACTERISTIC CURVE | <u>eaton-pressure-switches-</u> <u>diagram-mcs-pressure-</u> <u>switch-characteristic-</u> <u>curve-002.eps</u> |
|----------------------|--|
| DECLARATIONS OF | <u>DA-DC-00004137.pdf</u> |
| CONFORMITY | DA-DC-00004159.pdf |
| MCAD MODEL | mcs_n.dwg mcs_n.stp |
| | <u>IL05212001Z</u> |
| | eaton-pressure-switches- switch-mcs-pressure- switch-dimensions- 003.eps |
| | <u>eaton-pressure-switches-</u> <u>switch-mcs-pressure-</u> <u>switch-dimensions.eps</u> |
| | <u>eaton-pressure-switches-</u> <u>mcs-pressure-switch-</u> <u>dimensions.eps</u> |

| CLIMATIC PROOFING | Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78 |
|---|---|
| DEGREE OF PROTECTION | IP65 NEMA Other |
| RATED IMPULSE WITHSTAND VOLTAGE (UIMP) | 4000 V AC |
| ENVIRONMENTAL CONDITIONS | Compliant to 2014/35/EC, 2014/30/EC and EN 60947- 5-1. Accordingly, the user must review it separately for the specific application at hand. |
| CONNECTION | Inner thread gas cylindrical (BSPP) |
| MOUNTING POSITION | Vertical and 90° in all directions |
| CONNECTION TYPE | Tunnel terminal |
| OVERVOLTAGE CATEGORY | III |
| LIFESPAN, ELECTRICAL | 1,000,000 Operations |
| NUMBER OF CONTACTS (NORMALLY CLOSED) AS MAIN CONTACT | 0 |
| NUMBER OF MAIN CONTACTS (NORMALLY OPEN CONTACT) | 0 |
| OPERATING PRESSURE - MAX | 15000 hPa |
| PRESSURE DIFFERENTIAL | 0 bar |
| RATED FREQUENCY - MAX | 50 Hz |
| RATED INSULATION VOLTAGE (UI) | 400 V |
| RATED OPERATIONAL CURRENT (IE) AT AC-1, 380 V, 400 V, 415 V | 0 A |
| RATED OPERATIONAL CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V | 0 A |
| RATED OPERATIONAL POWER AT AC-3, 380/400 V, 50 HZ | 0 kW |
| RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX | 230 V |
| RATED OPERATIONAL | 0 V |
| | |

| VOLTAGE (UE) AT AC - MIN | |
|--|---|
| RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX | 110 V |
| RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN | 0 V |
| SWITCH OFF PRESSURE - MAX | 11 bar |
| SWITCH OFF PRESSURE - MIN | 0 bar |
| SWITCHING CAPACITY AT AC-3, 240 V | 0 kA |
| TEST PRESSURE | 32 bar |
| PRODUCT CATEGORY | Pressure switches |
| SCREW SIZE | M3, Terminal screw |
| RATED OPERATIONAL CURRENT (IE) | 2 A at DC-13, 24 V 0.25 A at DC-13, 110 V 2 A at AC-15, 230 V, 50/60Hz |
| SHOCK RESISTANCE | 10 g, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 20 ms |
| SHORT-CIRCUIT PROTECTION | PKZM0-6,3, Fuseless |
| SHORT-CIRCUIT PROTECTION RATING | Max. 10 A gG/gL, Fuse, Contacts |
| TERMINAL CAPACITY (SOLID) | 1 x (0.75 - 2.5) mm² 2 x (0.75 - 1.5) mm² |
| TERMINAL CAPACITY (FLEXIBLE WITH FERRULE) | 1 x (0.5 - 1.5) mm², ferrules to DIN 46228 |
| TIGHTENING TORQUE | 0.5 Nm, Screw terminals |
| VIBRATION RESISTANCE | 36 Hz, Amplitude 1 mm, (IEC/EN 60068-2-6) |
| | |

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

:



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