

Eaton 088612

Eaton Moeller® series MCS Pressure switch,
1W, 7bar

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| PRODUCT NAME | Eaton Moeller® series MCS Pressure switch |
| CATALOG NUMBER | 088612 |
| PRODUCT LENGTH/DEPTH | 96 mm |
| PRODUCT HEIGHT | 111 mm |
| PRODUCT WIDTH | 60 mm |
| PRODUCT WEIGHT | 0.38 kg |
| CERTIFICATIONS | IEC/EN 60947-5-1 |
| 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. |

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| SUITABLE AS | 2-point controller Guard |
| FEATURES | Variable switching differential |
| THREAD SIZE | 1/2 inch |
| ELECTRIC CONNECTION TYPE | Screw connection |
| POLLUTION DEGREE | 3 |
| ACTUATOR DIAMETER | 0 mm |
| ADJUSTABLE CURRENT RANGE - MAX | 0 A |
| ADJUSTABLE CURRENT RANGE - MIN | 0 A |
| AMBIENT OPERATING TEMPERATURE - MAX | 70 °C |
| AMBIENT OPERATING TEMPERATURE - MIN | 25 °C |
| BURSTING PRESSURE | 90 bar |
| END SETTING - MAX | 0 hPa |
| END SETTING - MIN | 0 hPa |
| END VALUE MEASURING RANGE PRESSURE | 0 Pa |
| ENGAGING PRESSURE - MAX | 4.2 bar |
| ENGAGING PRESSURE - MIN | 0 bar |
| INITIAL SETTING - MAX | 0 hPa |
| INITIAL SETTING - MIN | 0 hPa |
| INITIAL VALUE MEASURING RANGE PRESSURE | 0 Pa |
| MEDIUM TEMPERATURE - MAX | 80 °C |
| MEDIUM TEMPERATURE - MIN | 25 °C |
| NUMBER OF AUXILIARY CONTACTS (CHANGE- OVER CONTACTS) | 1 |
| NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS) | 0 |
| NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS) | 0 |
| CLIMATIC PROOFING | Damp heat, cyclic, to IEC |

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| DECLARATIONS OF CONFORMITY | DA-DC-00004159.pdf |
| | DA-DC-00004137.pdf |
| | IL05212001Z |
| | eaton-pressure-switches- switch-mcs-pressure- switch-dimensions.eps |
| | eaton-pressure-switches- mcs-pressure-switch- dimensions.eps |
| | eaton-pressure-switches- switch-mcs-pressure- switch-dimensions- 003.eps |

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| | 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 |
| CONNECTION | Inner thread gas cylindrical (BSPP) |
| MOUNTING POSITION | As required |
| CONNECTION TYPE | Tunnel terminal |
| OVERVOLTAGE CATEGORY | III |
| NUMBER OF CONTACTS (NORMALLY CLOSED) AS MAIN CONTACT | 0 |
| NUMBER OF MAIN CONTACTS (NORMALLY OPEN CONTACT) | 0 |
| OPERATING PRESSURE - MAX | 7000 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 VOLTAGE (UE) AT AC - MIN | 0 V |
| RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX | 110 V |
| RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN | 0 V |

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| SWITCH OFF PRESSURE - MAX | 4.5 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 |
| SHOCK RESISTANCE | 10 g, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms |
| SHORT-CIRCUIT PROTECTION RATING | Max. 10 A gG/gL, Fuse, Contacts |
| TERMINAL CAPACITY (SOLID) | 1 x (0.75 - 2.5) mm ² |
| TERMINAL CAPACITY (FLEXIBLE WITH FERRULE) | 1 x (0.5 - 1.5) mm ² , 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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