## 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	<ul> <li>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.</li> <li>If required: pressure pipe flange R ½"</li> </ul>



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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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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