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 AS	2-point controller Guard
FEATURES	Variable switching differential
THREAD SIZE	1/4 inch
ELECTRIC CONNECTION TYPE	Screw connection
OPERATING FREQUENCY	1500 Operations/h
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	10.4 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

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

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:** |
| **:** |