

Eaton 045814

Eaton Moeller® series MCS Pressure switch,
3p, 230psi

PRODUCT NAME	Eaton Moeller® series MCS Pressure switch
CATALOG NUMBER	045814
PRODUCT LENGTH/DEPTH	96 mm
PRODUCT HEIGHT	111 mm
PRODUCT WIDTH	60 mm
PRODUCT WEIGHT	0.467 kg
COMPLIANCES	CE
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.

SUITABLE AS	2-point controller Guard
THREAD SIZE	1/2 inch
ELECTRIC CONNECTION TYPE	Screw connection
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	13.1 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)	0
NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)	0
NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)	0
DEGREE OF PROTECTION	IP65 NEMA Other
ASSIGNED MOTOR POWER	3 HP at 230 V, 240 V 3 HP at 200 V, 208 V

DECLARATIONS OF CONFORMITY	DA-DC-00004628.pdf
	DA-DC-00004633.pdf
MCAD MODEL	mcs_n.stp mcs_n.dwg
	IL05212001Z
	eaton-pressure-switches-switch-mcs-pressure-switch-dimensions-004.eps

	5 HP at 460 V, 480 V 7.5 HP at 575 V, 600 V
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
NUMBER OF CONTACTS (NORMALLY CLOSED) AS MAIN CONTACT	3
NUMBER OF MAIN CONTACTS (NORMALLY OPEN CONTACT)	0
OPERATING PRESSURE - MAX	15857.94 hPa
PRESSURE DIFFERENTIAL	0 bar
RATED INSULATION VOLTAGE (UI)	600 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	11.5 A
RATED OPERATIONAL POWER AT AC-3, 380/400 V, 50 HZ	5.5 kW
RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	400 V
RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN	0 V
RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX	250 V
RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN	0 V
SWITCH OFF PRESSURE - MAX	16 bar
SWITCH OFF PRESSURE - MIN	0 bar
SWITCHING CAPACITY AT	0 kA

AC-3, 240 V	
TEST PRESSURE	32 bar
PRODUCT CATEGORY	Pressure switches
NUMBER OF POLES	Three-pole
RATED OPERATIONAL CURRENT (IE)	10 A

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

:



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