



Pressure switch, 1W, 65psi

Part no. **MCS4FORMCDN**
 Catalog No. **024457**
 Eaton Catalog No. **MCS4FORMCDN**

Delivery program

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.
Product range			Pressure switches for North America
Degree of Protection			IP55
Number of poles			1 pole
			for single-phase motors only
Max. pressure		psi	65
Rated insulation voltage for UL/CSA		V AC	300
Max motor rating HP = PS			
115 V		HP	0.25
200 V 208 V		HP	0.5
Rated operational current	I_e	A	10
Notes			
Rating data for approved types to UL/CSA ¹⁾			
Notes			
In North America, pressure is stated in pounds/inch ² (psi) (1 bar = 14.5 psi).			
Heavy Pilot Duty = High switching capacity			

Design verification as per IEC/EN 61439

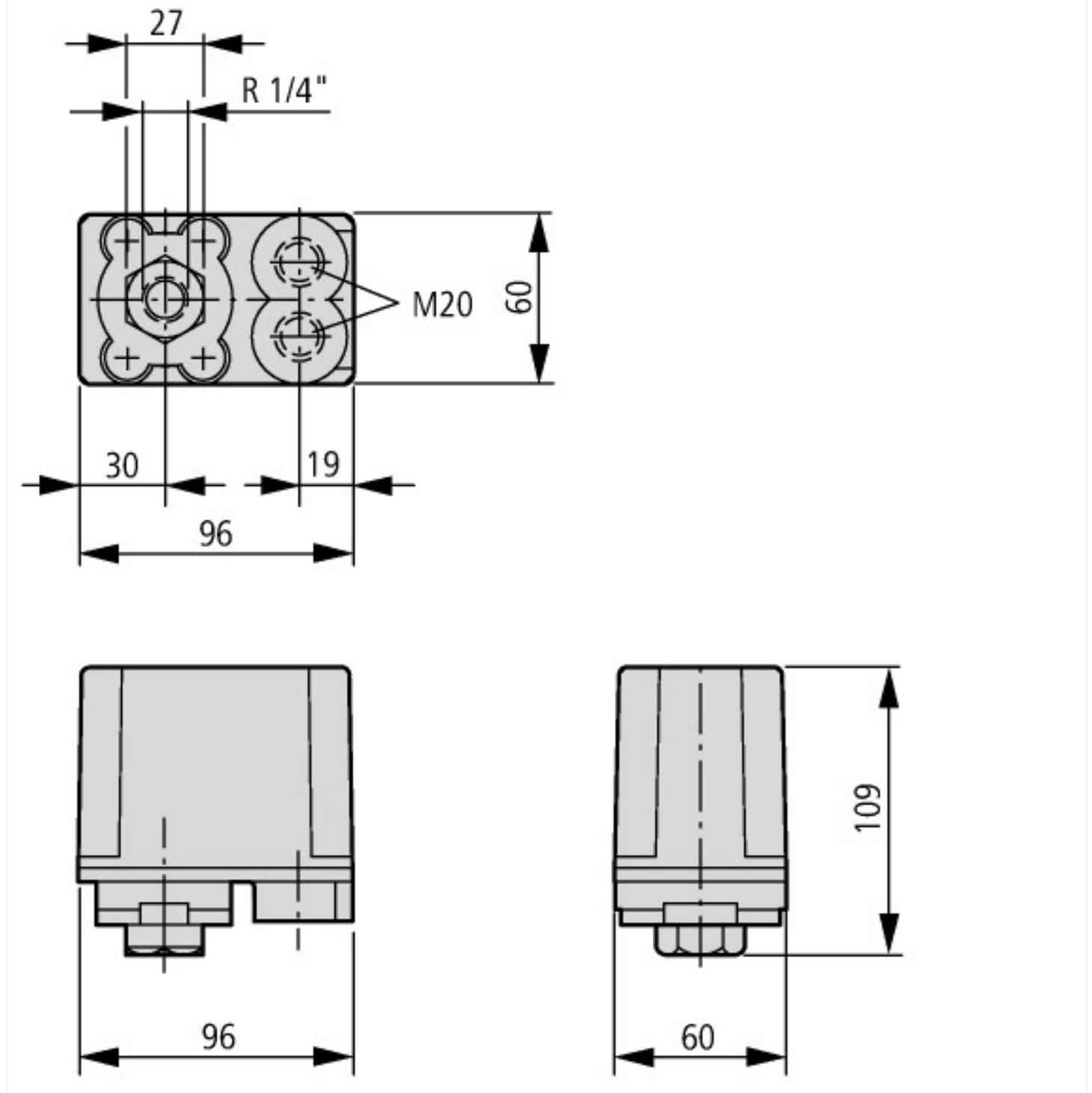
Technical data for design verification			
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70

Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Pressure switch (EC000243)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Monitoring equipment (low-voltage switch technology) / Pressure monitoring equipment (ec1@ss10.0.1-27-37-18-14 [AKF108014])			
Suitable as guard			Yes
Suitable as 2-point controller			Yes
Suitable as limiter			No
Max. operation pressure		hPa	7000
Engaging pressure		bar	0 - 4.2
Initial setting		hPa	0 - 0
Switch off pressure		bar	0 - 4.5
End setting		hPa	0 - 0
Pressure-switching differential		bar	0
Max. test pressure		bar	32
Bursting pressure		bar	90
Medium temperature		°C	25 - 80
Connection			Inner thread gas cylindrical (BSPP)
Thread size			1/2 inch
Rated voltage U _e at AC 50 Hz		V	0 - 230
Rated voltage U _e at AC 60 Hz		V	0 - 230
Rated voltage U _e at DC		V	0 - 110

Initial value measuring range pressure	Pa	0
End value measuring range pressure	Pa	0
Rated operation power at AC-3, 400 V	kW	0
Switching capacity at AC-3, 240 V	kA	0
Rated operation current I _e at AC-1, 400 V	A	0
Rated operation current I _e at AC-3, 400 V	A	0
Number of auxiliary contacts as normally open contact		0
Number of auxiliary contacts as normally closed contact		0
Number of auxiliary contacts as change-over contact		1
Type of electric connection		Screw connection
Number of normally closed contacts as main contact		0
Number of main contacts as normally open contact		0
Adjustable current range	A	0 - 0
With hand operation		No
With manual on/off switch		No
Electronic version		No
With display		No
Explosion-proof		No
Degree of protection (IP)		IP65
Degree of protection (NEMA)		Other
Height	mm	110
Width	mm	60
Diameter	mm	0
Depth	mm	96

Dimensions



Additional product information (links)

IL05212001Z (AWA1320-0132) Pressure switch

IL05212001Z (AWA1320-0132) Pressure switch ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL05212001Z2018_05.pdf