



**Pressure switch, 1W, 315psi**

**Part no.** MCS22FORMCDN  
**Article no.** 014965  
**Catalog No.** MCS22FORMCDN

**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	315
Rated insulation voltage for UL/CSA		V AC	300
<b>Max motor rating HP = PS</b>			
115 V		HP	0.25
200 V 208 V		HP	0.5
Rated operational current	I <sub>e</sub>	A	10
<b>Notes</b>			
<b>Rating data for approved types to UL/CSA <sup>1)</sup></b>			
<b>Notes</b>			
In North America, pressure is stated in pounds/inch <sup>2</sup> (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 6.0**

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 (ecI@ss8.1-27-37-18-14 [AKF108011])			
Suitable as guard			Yes
Suitable as 2-point controller			Yes
Suitable as limiter			No
Max. operation pressure		hPa	25000
Engaging pressure		bar	0 - 21
Initial setting		hPa	0 - 0
Switch off pressure		bar	0 - 22
End setting		hPa	0 - 0
Pressure-switching differential		bar	0
Max. test pressure		bar	32
Bursting pressure		bar	90
Medium temperature		°C	-25 - 80
Type of pressure connection			R 1/4 inch
Rated voltage U <sub>e</sub> at AC 50 Hz		V	0 - 230
Rated voltage U <sub>e</sub> at AC 60 Hz		V	0 - 230
Rated voltage U <sub>e</sub> 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 <sub>e</sub> at AC-1, 400 V	A	0
Rated operation current I <sub>e</sub> 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
Degree of protection (IP)		IP65
Electronic version		No
Explosion-proof		No

## Dimensions

