



MCS, 1-POLE

Part no.

MCS4

Article no.

019711

Variable switching differential

Delivery programme

Product range			Pressure switches with auxiliary contacts
Protection type			IP65
Contacts			1 changeover contact
Cut-in pressure and cut-out pressure: separate stepless adjustment. All the intersection points within the diagram area can be set.			
			Min. switching differential: 0.15 bar Example: Cut-out pressure 3.3 bar Cut-in pressure 2.2 bar
			Variable switching differential
Max. operating pressure		bar	7
Notes 			
Features: • Pressure pipe flange R ¼" • If required: pressure pipe flange R ½" • IP65 in conjunction with V-M20 cable gland • 1 Insulated protective conductor terminal • 2 cable entry knockouts for M20 • Neoprene membrane, resistant to aging, air, engine oil, and water min. -25 °C, max. +80 °C			
Cut-in and cut-out pressures are factory-preset as specified with type suffix: →#203948			
R ¼" corresponds to G ¼"			
R ½" corresponds to G ½" according to ISO 228-1			
Auxiliary contact to IEC/EN 60947-1			

Approvals

Product Standards	CSA-CC22.2 No. 14
CSA File No.	12528
CSA Class No.	3211-06
NA Certification	CSA certified

General

Standards			IEC/EN 60947-5-1
Test pressure		bar	32
Rupturing pressure		bar	90

Operating frequency	Operations/ h		$\leq$ 1500
Climatic proofing			Damp heat, constant to IEC 60068-2-78 Damp heat, cyclic to IEC 60068-2-30
Ambient temperature		°C	- 25 - 70
Protection type			IP65
Mounting position			As required
Mechanical shock resistance to IEC 60068-2-27	Half-sinusoidal shock 20 ms	g	> 10
Vibration resistance acc. to IEC/EN 60068-2-6	Amplitude 1 mm	Hz	36
lifespan	Operations	x 10 ⁶	1
Terminal capacities		mm ²	
Solid		mm ²	1 x (0.75 - 2.5)
Flexible with ferrules to DIN 46228		mm ²	
Flexible with ferrule		mm ²	1 x (0.5 - 1.5)
Terminations			Tunnel terminal
Terminal screw			M3
Tightening torque of terminal screw		Nm	
Terminal screw		Nm	0.5

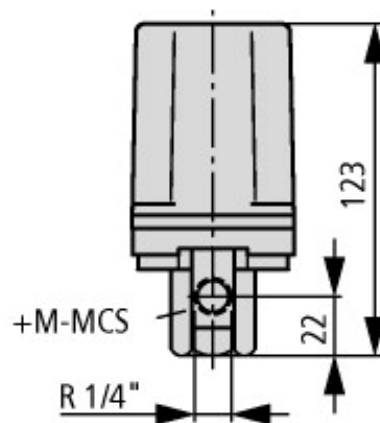
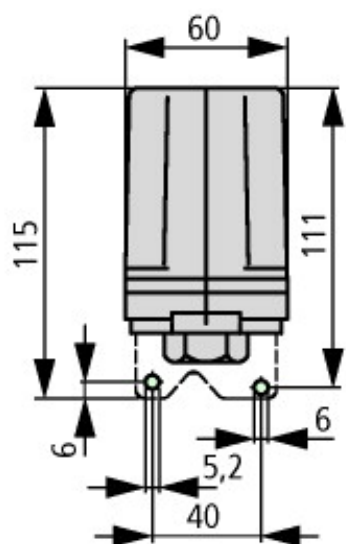
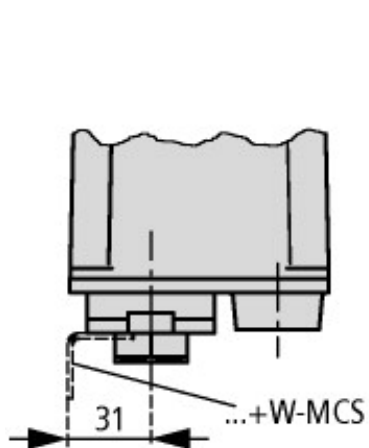
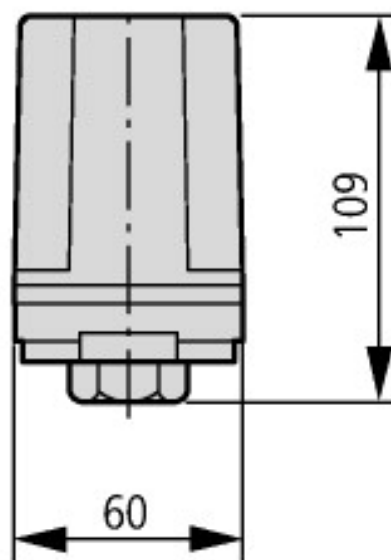
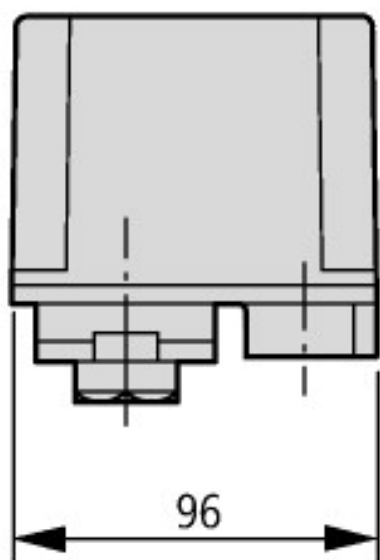
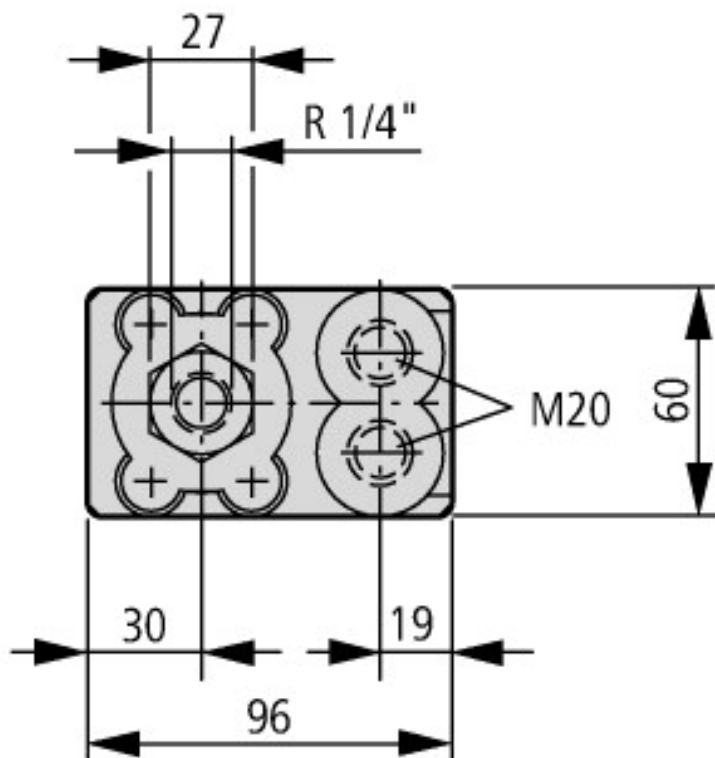
Contacts/switching capacity

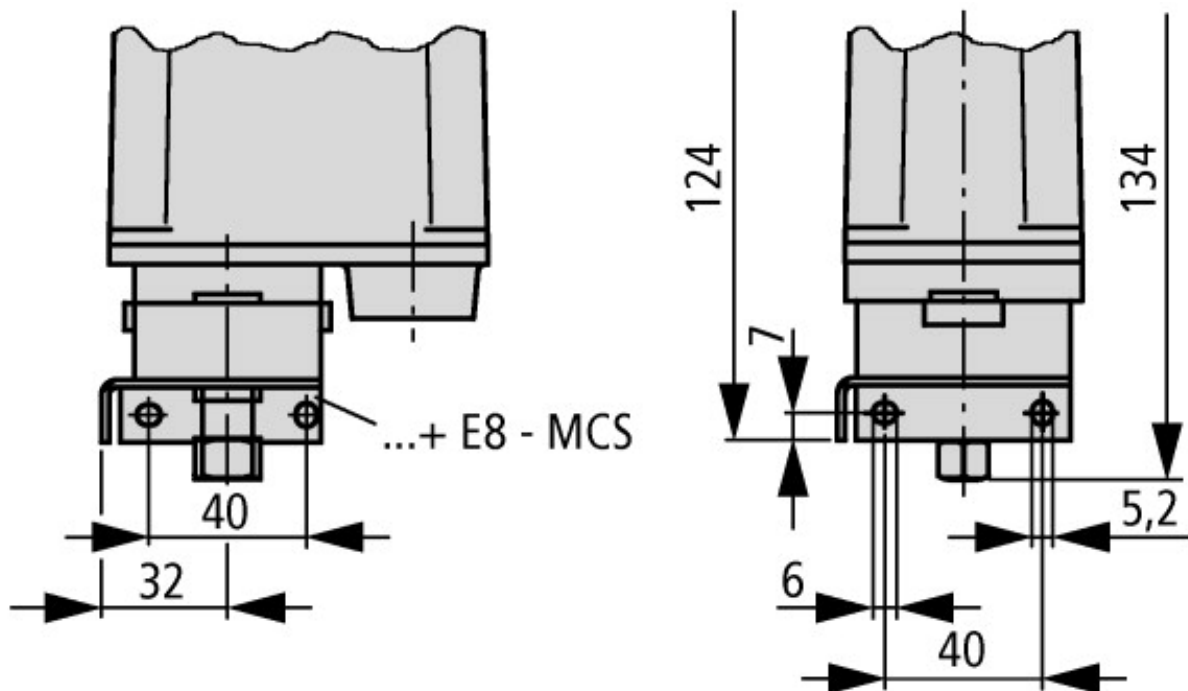
Rated impulse withstand voltage	U _{imp}	V AC	4000
Rated insulation voltage	U _i	V	400
Overvoltage category/pollution degree			III/3
Max. short-circuit protective device			
Fuseless		Type	PKZM0-6,3
Fuse	gG/gL	A	10
AC-15			
Rated operational current			
230 V		A	2
DC-13			
Rated operational current			
24 V		A	2
110 V		A	0.25
Rated frequency	f	Hz	50

Technical data ETIM 4.0

Max. operating pressure		hPa	4500
Initial setting		hPa	0
End setting		hPa	0
With manual on/off switch			No

Dimensions





Additional product information (links)

IL05212001Z (AWA1320-0132) Pressure switch

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ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL05212001Z2011_04.pdf