

MCS, 1-POLE

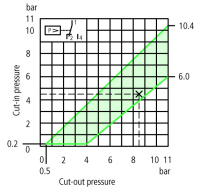
Part no. MCS11-G

Article no. 058692

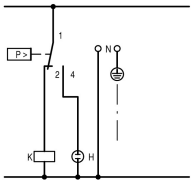
Powering Business Worldwide™

Variable switching differential

Delivery programme

Product range			Pressure switches with auxiliary contacts
Protection type			IP65
Contacts			1 changeover contact with gold-plated contacts
Max. operating pressure		bar	15
Cut-in pressure and cut-out pressure: **separate** stepless adjustment. All the intersection points within the diagram area can be set.			
			
			Min. switching differential: 0.3 bar Example: Cut-out pressure 8.5 bar Cut-in pressure 4.5 bar
			Variable switching differential

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

Notes

Gold-plated contacts, particularly suitable for switching low voltages and currents from 5 V AC/DC 1 mA.

Approbationen

UL approval	No
CSA approval	Yes
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		≤ 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
Terminal capacities		mm^2	
Solid		mm^2	1 x (0.75 - 2.5)
Flexible with ferrules to DIN 46228		mm^2	1 x (0.5 - 1.5)
Terminations			Tunnel terminal
Terminal screw			M3
Tightening torque of terminal screw		Nm	0.5

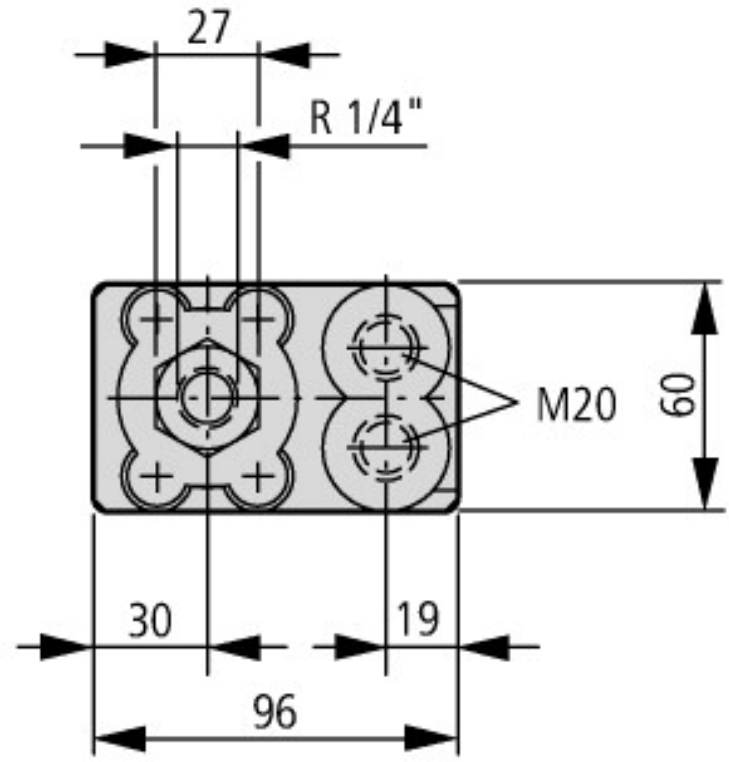
Contacts/switching capacity

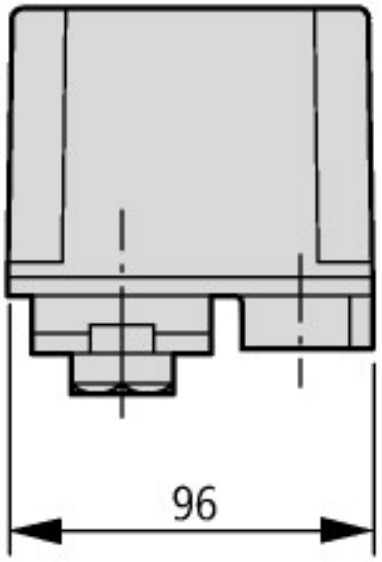
Rated impulse withstand voltage	U_{imp}	V AC	4000
Rated insulation voltage	U_i	V	400
Overvoltage category/pollution degree			III/3
Max. short-circuit protective device			
Fuse	gG/gL	A	10
AC-15			
Rated operational current			
230 V		A	2
DC-13			
Rated operational current			
24 V		A	2
110 V		A	0.25
Rated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

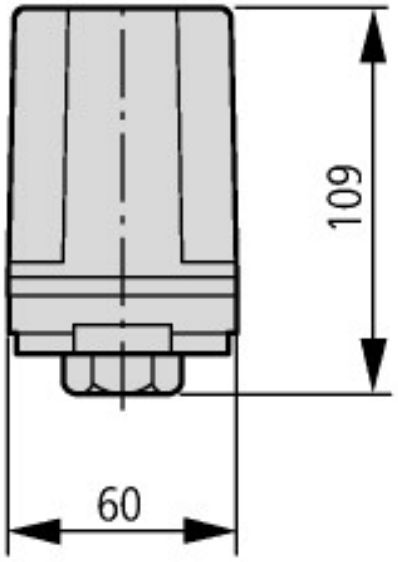
Technische Daten nach ETIM 4.0

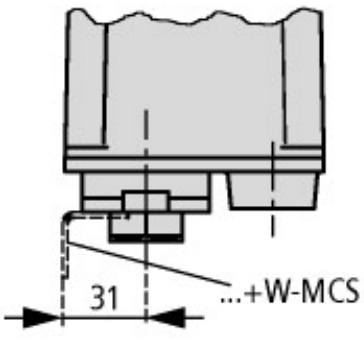
Max. operating pressure		hPa	11000
Initial setting		hPa	0
End setting		hPa	0
With manual on/off switch			No

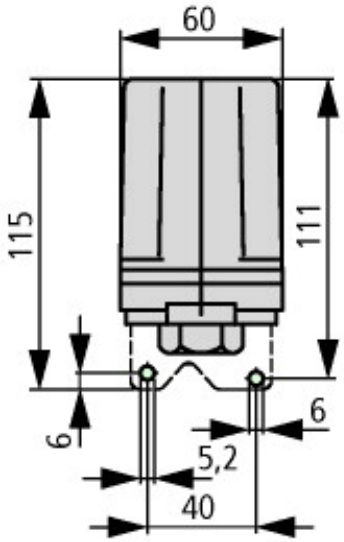
Dimensions

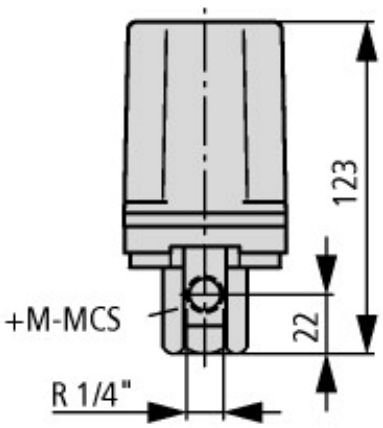

27
R 1/4"
M20
60
30
19
96

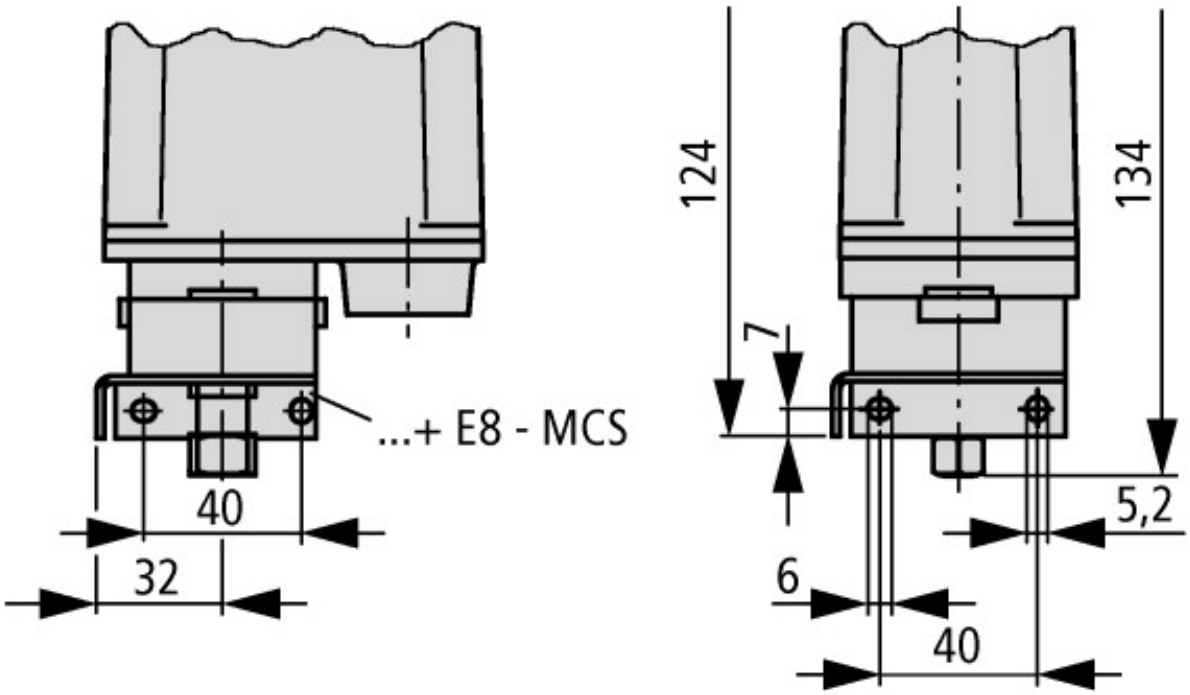

96


109
60


31
...+W-MCS


60
115
111
6
6
5,2
40


123
+M-MCS
22
R 1/4"



Additional product information (links)

IL05212001Z (AWA1320-0132) Pressure switch	
IL05212001Z (AWA1320-0132) Pressure switch	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL05212001Z2011_04.pdf

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