$\mathbf{M}_{\text{OELLER}}$

Type: MCS4

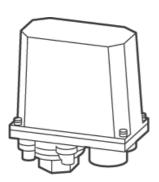
Article No.: **019711**

Sales text MCS, 1-POLE

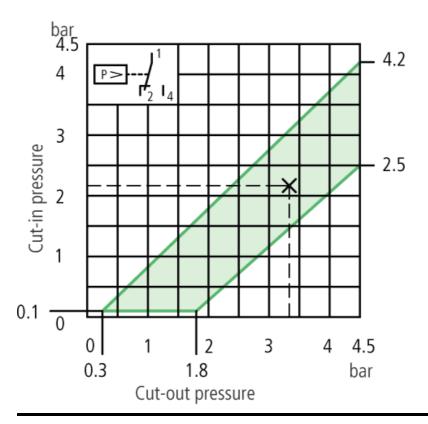


Variable switching differential

Ordering information							
Contacts		Number	1 changeover contact				
Description			Variable switching differential				
Max. operating pressure		bar	7				



Cut-in pressure and cut-out pressure: separate stepless adjustment. All the intersection points within the diagram area can be set.



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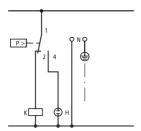
Min. switching differential: 0.15 bar

Example:

Cut-out pressure 3.3 bar

Cut-in pressure 2.2 bar

Notes concerning the product group



Features:

- Pressure pipe flange R 1/4"
- If required: pressure pipe flange R 1/2"
- IP65 in conjunction with V-M20 cable gland
- 1 insulated earth terminal
- 2 cable entry knockouts for M20
- Neoprene diaphragm

Cut–in and cut–out pressures are factory–preset as specified with type suffix: → 203948

R 1/4" corresponds to G 1/4

R 1/2" corresponds to G 1/2 according to ISO 228-1

Auxilliary contacts to IEC/EN 60947-1

MCS...-G:

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

General			
Standards			IEC/EN 60947-5-1
Test pressure		bar	32
Rupturing pressure		bar	90
Operating frequency	Operations/h		3000
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			IP 65
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 at 50 – 12% pressure differential	Operations	× 10 ⁶	1 – 2
Terminal capacities			
Solid		mm ²	1 × (0.75 – 2.5)
Flexible with ferrules to DIN 46228		mm ²	$1 \times (0.5 - 1.5)$
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	<i>U</i> i	V	400
Overvoltage category/pollution degree			III/3
Max. short–circuit protective device			
Fuseless		Type	PKZ2/ZM6

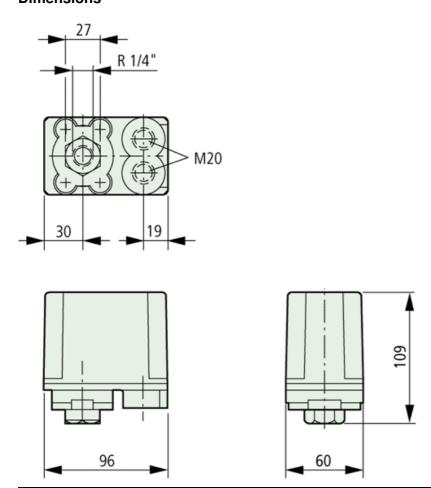
Fuse	gG/gL	Α	10
AC-15			
Rated operational current			
230 V		Α	2
DC-13			
Rated operational current			
24 V		Α	2
110 V		Α	0,5
Rated frequency	f	Hz	50
Notes			

Notes

The following applies to the rated operational current for DC-13:

with 24 V: ...SOND910-G: 0.25 A
with 110 V: ...SOND910-G: 0.8 A

Dimensions



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