

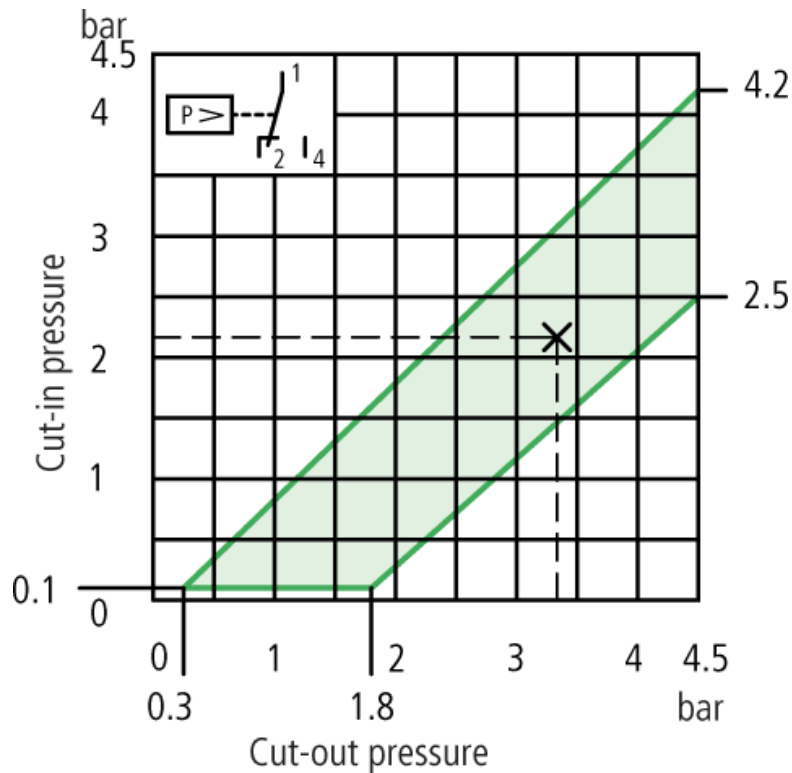
Type: **MCS4**  
Article No.: **019711**



#### Ordering information

Contacts		Number	1 changeover contact
Preferred setting range from		bar	0.3
Preferred setting range to		bar	4
Max. operating pressure		bar	7

#### Cut-out and cut-in pressure



### Cut-out and cut-in pressure

Min. switching differential: 0.15 bar

Example:

Cut-out pressure 3.3 bar

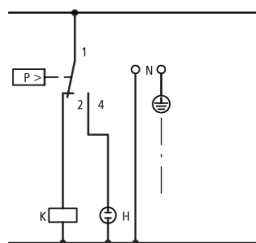
Cut-in pressure 2.2 bar

### Notes concerning the table header

Make and break pressure: **separately** infinitely adjustable.


Pressures can be set to any point within the area of the pressure diagram for the appropriate switch.

### Notes concerning the product group



### Features:

- Druckrohrflansch R 1/4"

- auf Wunsch Druckrohrflansch R 1/2"
- IP65 in conjunction with V-M20 cable gland
- 1 insulated earth terminal 
- Two cable entry knockouts for M20
- Neoprene diaphragm

Werkseitige Einstellung von Ein- und Ausschalt-Druck erfolgt über Typenzusatz: → 203948

R 1/4" entspricht G 1/4

R 1/2" entspricht G 1/2 nach ISO 228-1

Hilfsschalter nach IEC/EN 60947-1

### **MCS...-G:**

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

Zusatzausrüstung → 031617

General			
Standards			IEC/EN 60947-5-1 RL97/23/EC, Article 1; Para. 2.1.4
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 (shock duration 20 ms)		g	> 10
Vibration resistance (1mm amplitude)		Hz	36
Lifespan at 50 – 12% pressure differential	Operations	× 10 <sup>6</sup>	1 – 2
Terminal capacities			
Solid		mm <sup>2</sup>	1 × (0.75 – 2.5)
Flexible with ferrules to DIN 46228		mm <sup>2</sup>	1 × (0.5 – 1.5)
Terminations			Tunnel terminal
Terminal screw			M3
Tightening torque of terminal screw		Nm	0.5

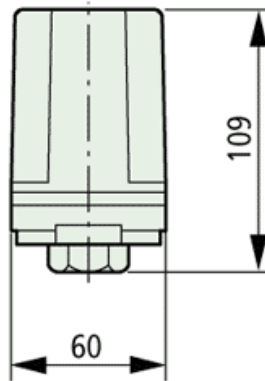
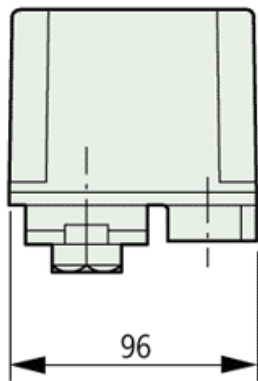
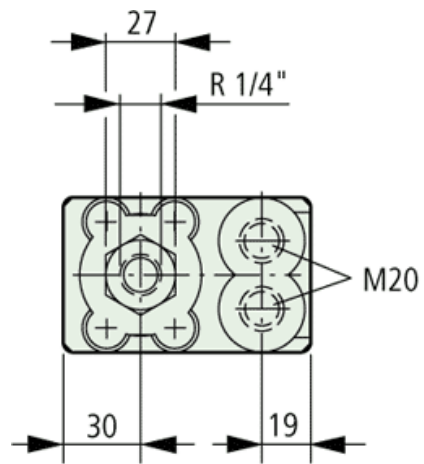
Contacts/switching capacity			
Rated impulse withstand voltage	$U_{imp}$	V AC	4000
Rated insulation voltage	$U_i$	V	400
Overvoltage category/pollution degree			III/3
Max. short-circuit protective device			
Fuseless		Type	PKZ2/ZM6
Fuse	gG/gL	A	10
AC-15			
Rated operational current			
230 V		A	2
DC-13			
Rated operational current			
24 V		A	2
110 V		A	0,5
Rated frequency	$f$	Hz	50
Notes			
Dimensions			
			2 × M20 cable entry

## 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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