

**Technical Data**

**Contact Data**

Type of Contact	Single Contact	
No. of Contacts	1C / 1A	
Rated Voltage / Max. Switching Voltage	VAC / VDC	250 / 30
Rated Current	A	3 / 5
Contact Material	AgSnO, AgCdO	

**General Data**

Mechanical Life	> Operations	$1 \times 10^7$
Electrical Life at Rated Voltage	> Operations	$1 \times 10^5$
Operate Time / Release Time	approx. in ms	8 / 5
Test Voltage Contact / Coil	$\geq VAC_{eff}$	4000
Test Voltage Contact Open	$\geq VAC_{eff}$	1000
Ambient Temperature	°C	-40...+70
Approvals	VDE**, UL, TÜV	
Weight	gr.	7

\*\* in the pipeline

**Coil at + 20°C**

Rated Voltage	VDC	3...48
Power Consumption (DC - Coil)	approx. W	0,45 (0,2)
Max. Actuating Voltage	VDC	$1,3 \times U_N$

**DC-Coil (0,45 W)**

$U_N$ (V)	R (Ohm)	$U_{AN}$ (V)	$U_{AB}$ (V)	$I_N$ (mA)
3	$20 \pm 10\%$	$\leq 2,55$	$\geq 0,15$	150,0
5	$55 \pm 10\%$	$\leq 4,25$	$\geq 0,25$	91,0
6	$80 \pm 10\%$	$\leq 5,10$	$\geq 0,30$	75,0
9	$180 \pm 10\%$	$\leq 7,65$	$\geq 0,45$	50,0
12	$320 \pm 10\%$	$\leq 10,20$	$\geq 0,60$	37,5
18	$720 \pm 10\%$	$\leq 15,30$	$\geq 0,90$	25,0
24	$1280 \pm 10\%$	$\leq 20,40$	$\geq 1,20$	18,8
48	$5120 \pm 10\%$	$\leq 40,80$	$\geq 2,40$	9,4

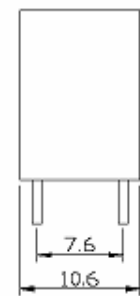
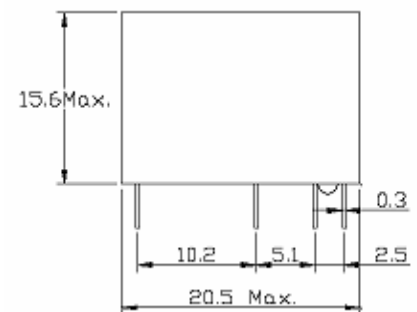
**Sensitive DC-Coil (0,2 W) (only for normally open contact available)**

$U_N$ (V)	R (Ohm)	$U_{AN}$ (V)	$U_{AB}$ (V)	$I_N$ (mA)
3	$45 \pm 10\%$	$\leq 2,55$	$\geq 0,15$	66,7
5	$125 \pm 10\%$	$\leq 4,25$	$\geq 0,25$	40,0
6	$180 \pm 10\%$	$\leq 5,10$	$\geq 0,30$	33,3
9	$400 \pm 10\%$	$\leq 7,65$	$\geq 0,45$	22,5
12	$700 \pm 10\%$	$\leq 10,20$	$\geq 0,60$	16,7
18	$1600 \pm 10\%$	$\leq 15,30$	$\geq 0,90$	11,2
24	$2800 \pm 10\%$	$\leq 20,40$	$\geq 1,20$	8,5
48	$11580 \pm 10\%$	$\leq 40,80$	$\geq 2,40$	4,1

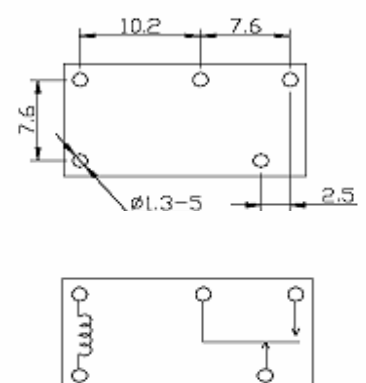
Other coil tensions on request.



**Dimension Diagram  
(Change-Over Contact)**

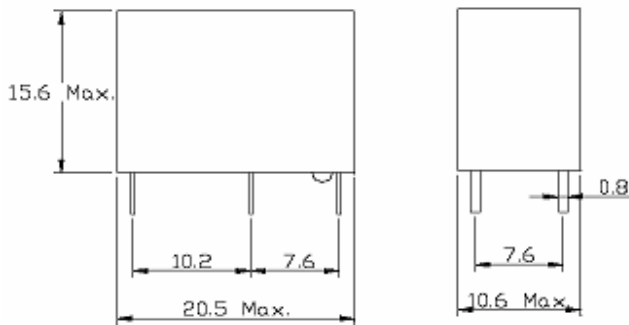


**Schematic Diagram  
(Change-Over Contact)**

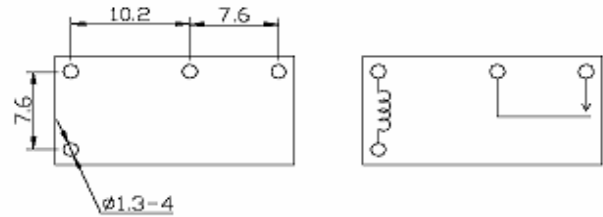


View on circuit points. All measure in mm.

**Dimension Diagramm**  
(Normally Open Contact)



**Schematic Diagram**  
(Normally Open Contact)



View on circuit points. All measure in mm.

**Order Type**

