

Technical Data

Contact Data		
Type of Contact		Single Contact
No. of Contacts		1C / 1A / 1B
Rated Voltage / Max. Switching Voltage	VAC	250 / 380
Rated Current	A	8
Rated Breaking Capacity (cos φ = 1)	VA	2.000
Switching Load (Min.)	VDC / mA	5 / 10
Contact Material		AgNi, AgNi + Htv, AgSnO

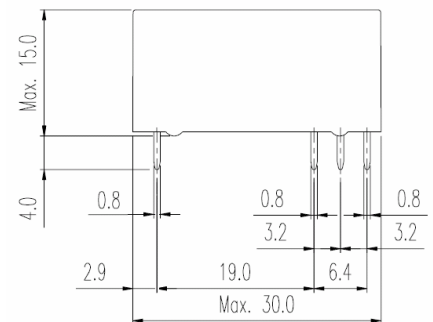
General Data		
Mechanical Life	> Operations	10 x 10 ⁶
Electrical Life at Rated Voltage	> Operations	1 x 10 ⁵
Max. Operating Cycles (ex/at Full Load)	Operations / h	36.000 / 360
Operate Time / Release Time (typ.)	Approx. in ms	7 / 3
Test Voltage (Coil / Contact)	≥ VAC _{eff}	4.000
Test Voltage Contact Open	≥ VAC _{eff}	1.000
Impulse Withstand Voltage (Coil / Contact)	≥ VAC _{eff}	10.000
Creeping-/Leakage Distance	mm	≥ 8
Insulation IEC 60664	- Rated Voltage (VAC)	250
	- Degree of Pollutin	3
	- Excess Voltage Category	III
Insulation Group/Rated Voltage (VDE 0110b 2/79)		C / 250
Insulating Resistance (at 500VDC)	MΩ	1000
Ambient Temperature	°C	- 40...+ 85
Approvals (*in the pipeline)		VDE*, C-UL*
Weight	gr.	11
Packing Unit	Piece	40 / 2.000

Coil at + 20°C		
Rated Voltage	VDC	5...60
Power Consumption (sensitive)	approx. W	0,22
Max. Short-Term Actuating Voltage	VDC	2,35 x U _N

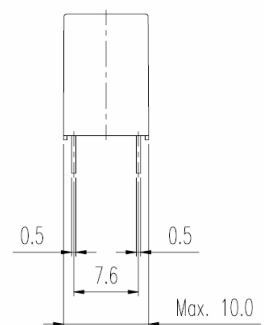
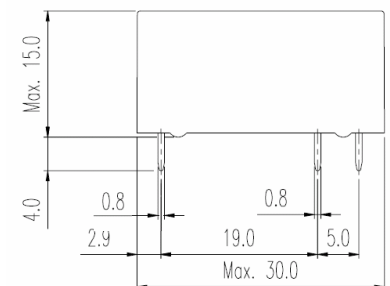
DC - Coil (0,22 W)					
U _N (V)	R (Ohm)	U _{AN} (V) 80% Change-Over Contact	U _{AN} (V) 75% Normally Open Contact	U _{AB} (V)	I _N (mA)
5	113 ± 10%	≤ 4,0	≤ 3,75	≥ 0,25	44,2
6	164 ± 10%	≤ 4,8	≤ 4,5	≥ 0,30	36,6
9	368 ± 10%	≤ 7,2	≤ 6,75	≥ 0,45	24,4
12	650 ± 10%	≤ 9,6	≤ 9,0	≥ 0,6	18,3
18	1.475 ± 10%	≤ 14,4	≤ 13,5	≥ 0,9	12,2
24	2.620 ± 10%	≤ 19,2	≤ 18,0	≥ 1,2	9,2
48	9.210 ± 10%	≤ 38,4	≤ 36,0	≥ 2,4	5,2
60	16.364 ± 10%	≤ 48,0	≤ 45,0	≥ 3,0	3,7



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

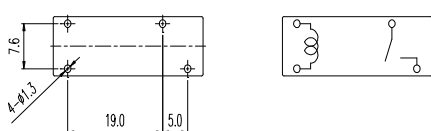


**Dimension Diagram (Normally Open-
and Normally Closed Contact)**

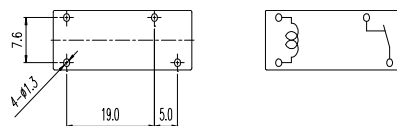


Schematic Diagram

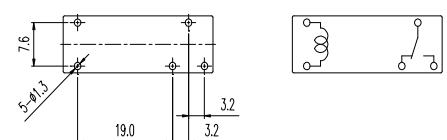
Normally Open Contact



Normally Closed Contact



Change-Over Contact



View on circuit points. All measure in mm.

Order Type

