

**PCB-Relay      Power – PCB-Relay**  
**SGR 230GL ... 6    1 pole 16A (80A inrush)      5,0 mm**

**ELESTA**

**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	16 / 80
Switching Load (Min.)	VDC / mA	5 / 10
Contact Material		AgSnO



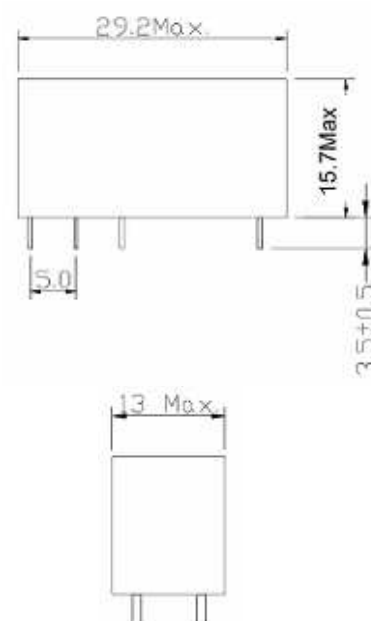
General Data		
Mechanical Life	> Operations	$1 \times 10^7$
Electrical Life at Rated Voltage	> Operations	$5 \times 10^4$
Operate Time / Release Time	approx. in ms	10 / 5
Test Voltage Contact / Coil	$\geq VAC_{eff}$	5.000
Test Voltage Contact Open	$\geq VAC_{eff}$	1.000
Ambient Temperature	°C	- 40...+ 85 (+155)
Approvals		VDE**, C-UL
Weight	gr.	13,5

\*\* in the pipeline

DC - Coil (0,41 W)			
$U_N$ (V)	R (Ohm)	$U_{AN}$ (V)	$U_{AB}$ (V)
5	$61 \pm 10\%$	$\leq 3,5$	$\geq 0,5$
6	$85 \pm 10\%$	$\leq 4,2$	$\geq 0,6$
9	$198 \pm 10\%$	$\leq 6,3$	$\geq 0,9$
12	$351 \pm 10\%$	$\leq 8,4$	$\geq 1,2$
18	$790 \pm 10\%$	$\leq 12,6$	$\geq 1,8$
24	$1400 \pm 10\%$	$\leq 16,8$	$\geq 2,4$
48	$5620 \pm 10\%$	$\leq 33,6$	$\geq 4,8$
60	$8780 \pm 10\%$	$\leq 42,0$	$\geq 6,0$

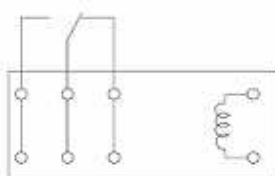
Other coil tensions on request.

**Dimension Diagram**

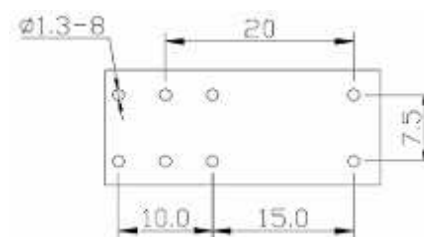
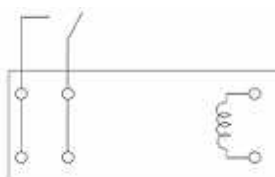


**Schematic Diagram**

1 Change-Over Contact



1 Normally Open Contact



View on circuit points. All measure in mm.

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**Order Type**

