



<b>Identification</b>	Type Part-No.	Relais-SNR 12V 1W htv 768005
<b>Description</b>	Replacement relay, 1 CO contact AC/DC 250 V, 6 A, 1500 VA	
<b>Input</b>		
Rated voltage $U_N$	DC 12 V	
Input voltage	DC: $\pm 30\%$	
Interrupting voltage	DC: $>0.1 U_N$	
Power consumption	DC: 170 mW	
<b>Output</b>		
Contact type	1 changeover contacts	
Min. switching voltage	AC/DC 1 V	
Max. switching voltage	AC/DC 250 V	
Min. switching current	AC/DC 1 mA	
Max. switching current	6 A	
Switching capacity DC 13	1 A @ 24 V, 200 mA @ 115 V, 100 mA @ 250 V	
Switching capacity AC 15	3 A	
Max. switching capacity	1500 VA	
Resistor	$<30\text{ m}\Omega$	

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Part-No. 768005

USA: LUTZE INC.

13330 South Ridge Drive · Charlotte, NC 28273, USA  
Tel. +1 (704) 504-0222 · Fax +1 (704) 504-0223  
www.lutze.com · info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park  
Sandy Way, Amington · GB-Tamworth, Staffs B77 4DU  
Tel. +44 (0)1827 31333-0 · Fax +44 (0)1827 31333-2  
www.lutze.com · sales.gb@lutze.co.uk



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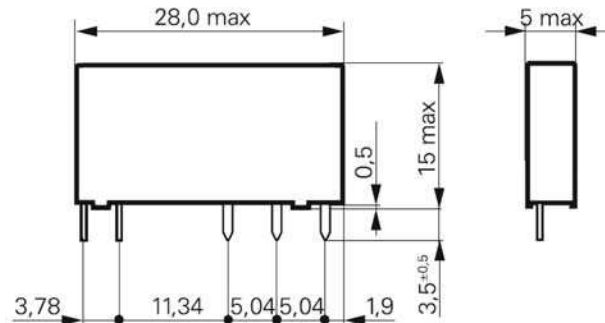
## Technical data sheet • Interface Technology

Contact material	AgSnO <sub>2</sub> + 5 µm HV
Mechanical service life	> 5 × 10 <sup>6</sup> operations
Inrush current	10 A (4 ms)
Switch-on delay	5 ms
Shutdown delay	2.5 ms
Clearance/creep. dist. (control/load side)	Air clearance: >6 mm, creep clearance: >8 mm
Rated insulation voltage (EN 50178)	AC 250 V
Over voltage category	III
Degree of pollution	3
Switching frequency	with load: 6 cycles/minute, without load 1,200 cycles/minute

### General

Protection class	RTIII – wash-tight
Shock resistance	5g
Vibration resistance	6 g, 10...150 Hz
Insulation voltage input / output	4.0 kV <sub>eff</sub>
Safe isolation	yes
Operation temperature range	-25 °C ... +60 °C
Storage temperature range	-40 °C ... +85 °C
Dimensions (w × h × d)	5.0 × 28.0 × 15.0 mm
Weight	0.006 kg/piece
Connection device	plug-in
Approvals	VDE cULus

### Dimensions



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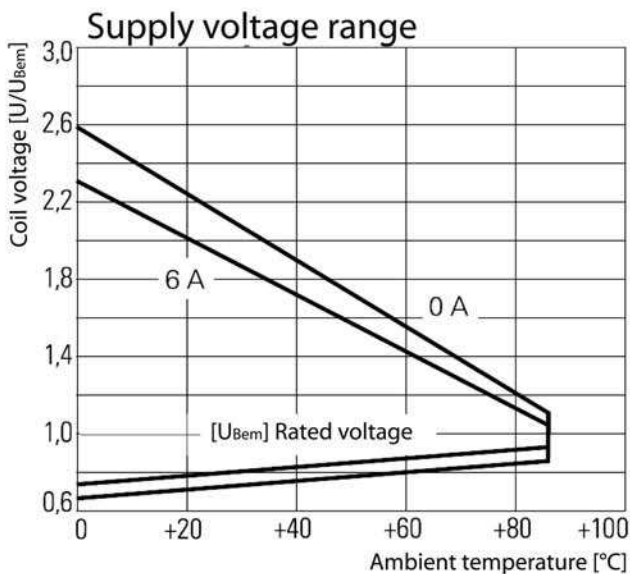
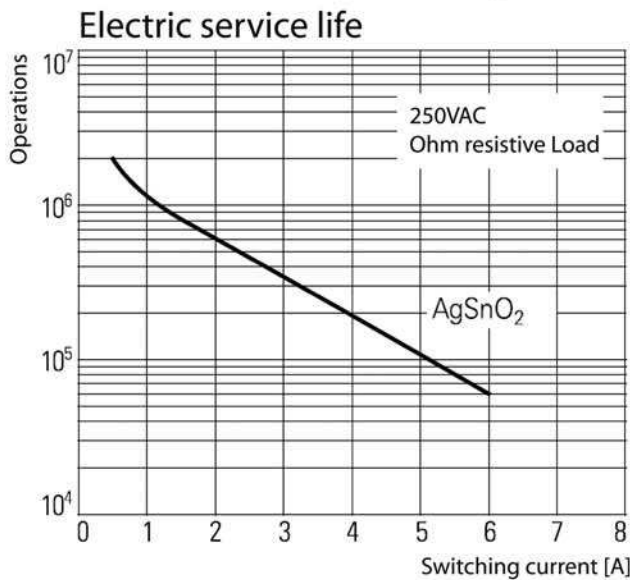
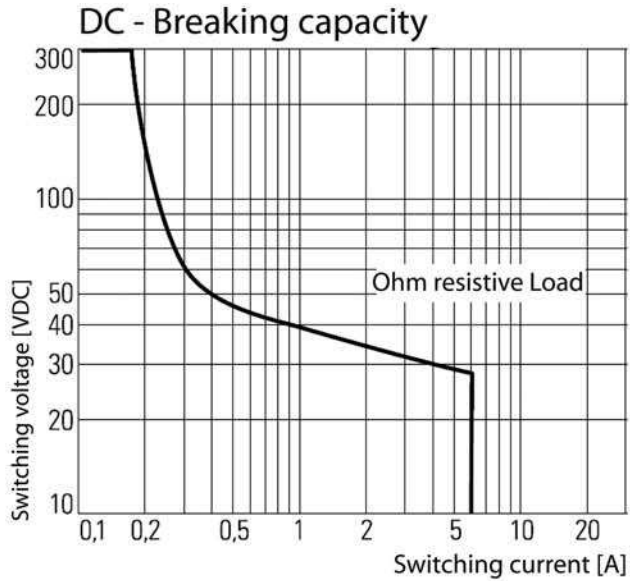
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Limit curve



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