



Identification	Type Part-No.	Relais-SNR 60V 1W 768003
Description	Replacement relay, 1 CO contact / SPDT relay, AC/DC 250 V, 6 A, 1500 VA / 144 W	
Input		
Rated voltage U_N	DC 60 V	
Input voltage	DC: $\pm 30\%$	
Power consumption	DC: 170 mW	
Interrupting voltage	DC: $>0.1 U_N$	
Output		
Contact type	1 changeover contacts / SPDT	
Min. switching voltage	AC/DC 17 V	
Max. switching voltage	AC/DC 250 V	
Min. switching current	AC/DC 5 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 / 144 W	
Resistor	$<100\text{ m}\Omega$	

16.02.2019 – Subject to technical modification

Part-No. 768003

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SYSTEMATIC TECHNOLOGY

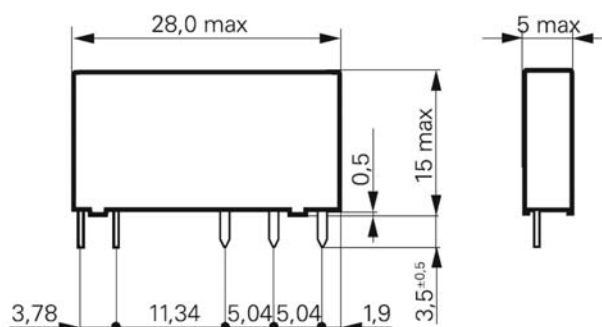
Technical data sheet • Interface Technology

Contact material	AgSnO ₂
Mechanical service life	> 10 x 10 ⁶ operations
Switch-on delay	5 ms
Shutdown delay	2.5 ms
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 _{eff}
Safe isolation	yes
Clearance/creepage dist. (control/load side)	Air clearance: >6 mm, creepage clearance: >8 mm
Operation temperature range	-25 °C ... +60 °C
Storage temperature range	-40 °C ... +80 °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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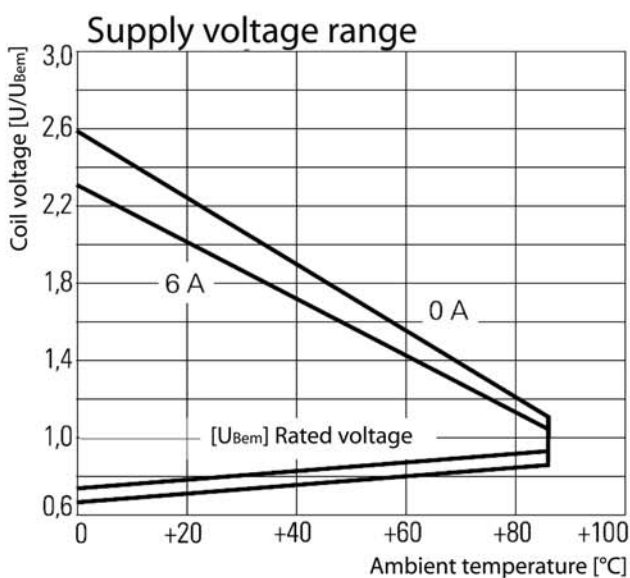
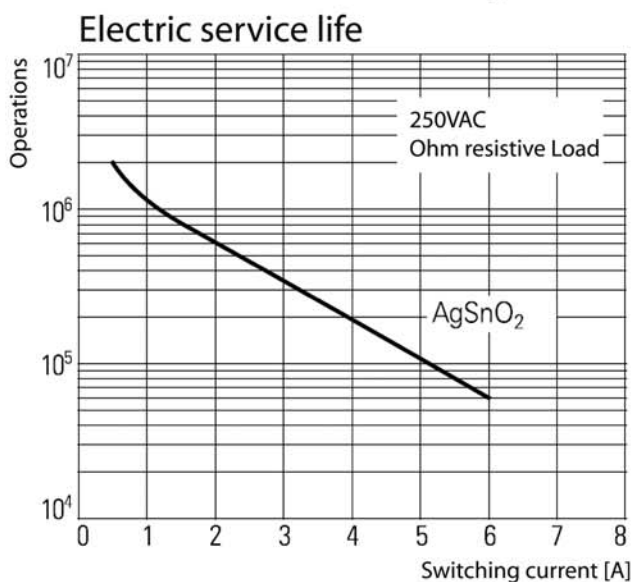
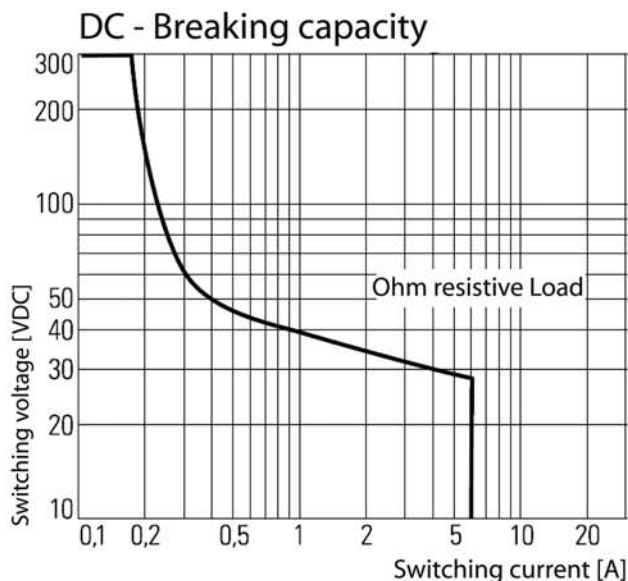
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Load limit curve



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