Technical data sheet · Interface Technology

Microplug Relay Module

Identification	Type	REP-0240 2W HTV DC12V
	Part-No.	770240

Input	
Input voltage range	8.4 V – 18.0 V
Nominal voltage	DC 12 V
Rated current	34.0 mA
Interrupting voltage	<1.2 V
Protection device	Free-wheeling diode
Status Indication	LED green
Power comsumption	0.40 W

Load Side	
Contact type	2 change over contact
Min. switching voltage	AC/DC 5 V
Max. switching voltage	AC 400 V / DC 300 V
Min. switching current	AgNi+5 µm HV: AC/DC 2 mA
Max. switching current	AC/DC 8 A
Switching capacity AC 15	at 24 V: 3.1 A, at 230 V: 2 A
Switching capacity DC 13	at 24 V: 2A, at 115 V: 300 mA, at 230 V: 150 mA
Max. switching capacity	2000 VA
Contact material	AgNi + 5 µm HV
Mechanical service life	>1 × 10^7 operations

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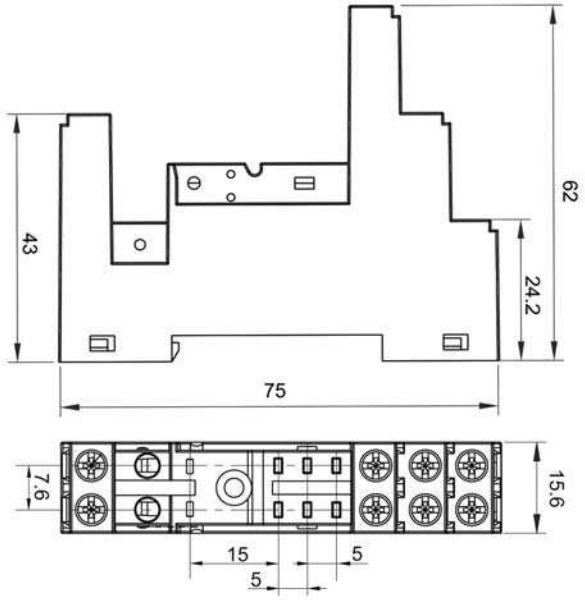
Switch-on delay	15 ms
Switch-off delay	5 ms
Clearance/creep. dist. (control/load side)	Clearance distance: >10 mm; Creepage distance: >10 mm

General

Housing material	PA66+GF V0 (UL)
Protection class	IP 20
Field installation	rail TS 35 (EN 50022)
Insulation voltage input/output	5.0 kV_{eff}
Safe isolation	yes
Operation temperature range	-40 °C – 85 °C
Storage temperature range	-40 °C – 85 °C
Dimensions (w × h × d)	15.6 × 75.0 × 67.0 mm
Weight (kg/piece)	0.062
Approvals	cULus
Termination	Screw terminal: 0.2–4.0 mm^2

Dimensions



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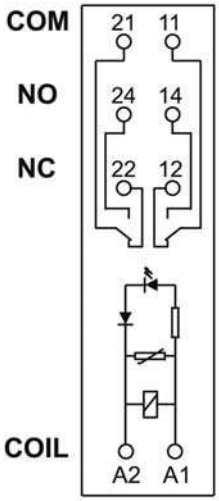
PIN assignment



AC version

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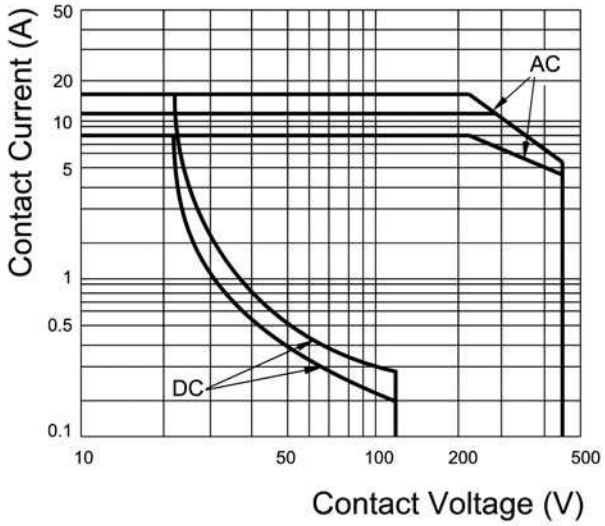
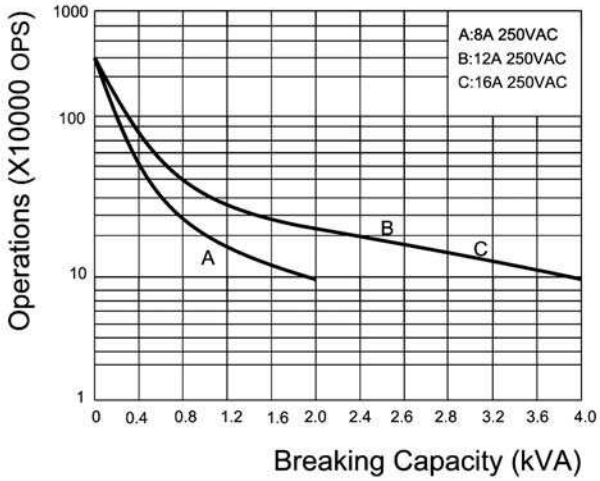
Limit curve





Comments

To prevent damage to the gold layer, the stated values should not be exceeded. At higher switching capacity, the gold layer vaporizes. The undercurrent in the housing can result in flashovers between coil - contact.

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