



<b>Identification</b>	Type	REP-0176 1W HTV AC 120 V
	Part-No.	770176

**Input**

Input voltage range	96.0 V – 144.0 V
Nominal voltage	AC 120 V
Rated current	14.0 mA
Interrupting voltage	<17.3 V
Protection device	varistor
Status Indication	LED green
Power consumption	0.75 VA

**Load Side**

Contact type	1 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 16 A
Switching capacity AC 15	3.3 A
Switching capacity DC 13	at 24 V: 2 A; at 115 V: 300 mA; at 230 V: 150 mA
Max. switching capacity	4000 VA
Contact material	AgNi + 5 µm HV
Mechanical service life	>1 × 10 <sup>7</sup> operations

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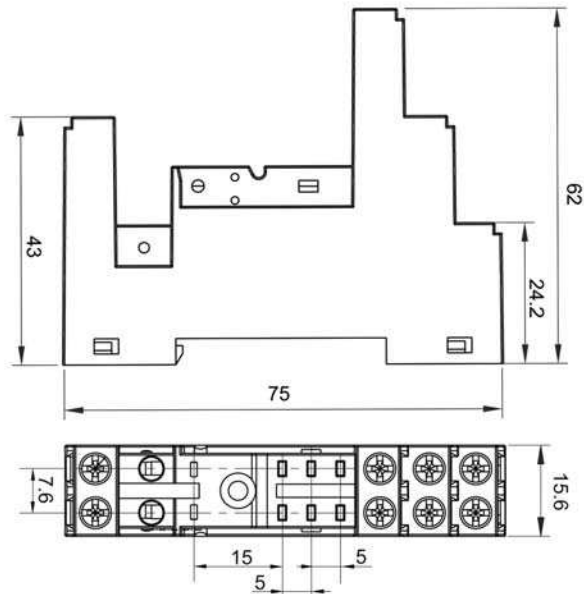
## Technical data sheet - Interface Technology

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

### 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 <sub>eff</sub>
Safe isolation	Yes
Operation temperature range	-40 °C – 70 °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 <sup>2</sup>

### Dimensions



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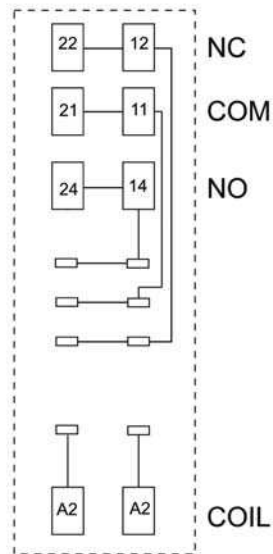
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**PIN assignment**



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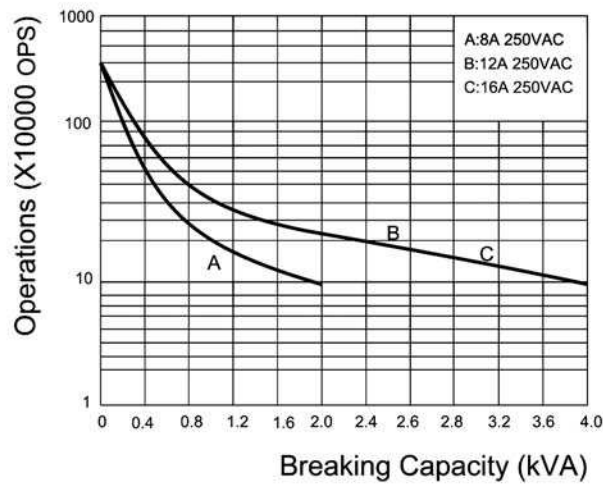
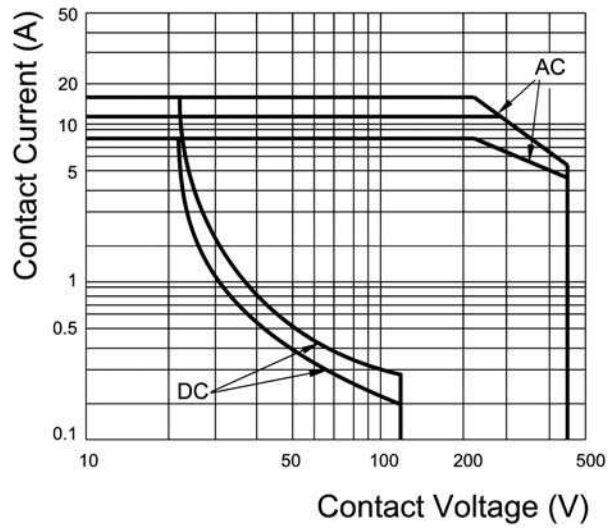
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Limit curve



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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