

# Power PCB Relay RP II/2

2 pole 8 A



## Features

- 2 C/O or 2 N/O contacts
- 4 kV / 8 mm coil-contact
- Twin contacts available
- PCB-sockets
- Versions with Ag, or AgNi 0.15 contact material: RoHS compliant (Directive 2002 / 95 / EC) as per product date code 0404

## Applications

Domestic appliances, UPS's



Technical data of approved types on request

F0150-B

## Contact data

Configuration	2 C/O contact or 2 N/O contact
Type of contact	single contact
Rated current	8 A (UL: 10 A)
Rated voltage / max. breaking voltage AC	250 Vac / 440 Vac
Maximum breaking capacity AC	2000 VA
Make current (max. 4 s at duty cycle 10%)	14 A
Contact material	AgNi 0.15, AgCdO

## Contact ratings

Type	Load	Operations	Standard
RP440	64 A ON, 2 A OFF, 250 Vac	1x10 <sup>4</sup>	VDE 0860
RP421	2 A, 50 Vdc, resistive	approx. 2x10 <sup>6</sup>	
RP421	1/10hp, 240 Vac, per contact		UL 508
RP421	3 A, 380 Vac, AC11	approx. 3x10 <sup>4</sup>	VDE 0660
RP421	0.18 A, 110 Vdc, DC11	approx. 1x10 <sup>5</sup>	VDE 0660
RP420	0.6 A, 220 Vac, cosφ=0.8, single phase motor	approx. 1.3x10 <sup>6</sup>	

## Coil data

Nominal voltage	5...110 Vdc
Nominal coil power	500 mW
Operate category	2 / b

## Coil versions, DC-coil

Coil code	Nominal voltage Vdc	Pull-in voltage Vdc	Release voltage Vdc	Maximum voltage Vdc	Coil resistance Ω	Coil current mA
005	5	3.5	0.5	9.0	54±10%	92.6
006	6	4.2	0.6	10.8	68±10%	88.2
012	12	8.4	1.2	21.6	270±10%	44.4
024	24	16.8	2.4	43.2	1100±15%	21.8
048	48	33.6	4.8	86.4	4400±15%	10.9
060	60	42.0	6.0	108.0	6540±15%	9.2
110	110	77.0	11.0	198.0	23100±15%	4.8

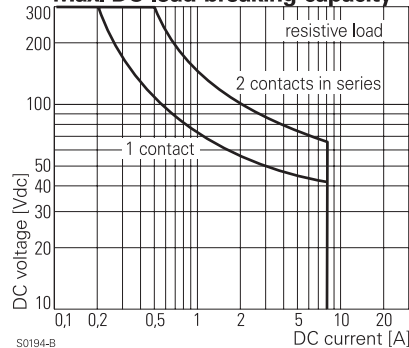
All figures are given for coil without preenergization, at ambient temperature +20°C

Other coil voltages on request

## Insulation

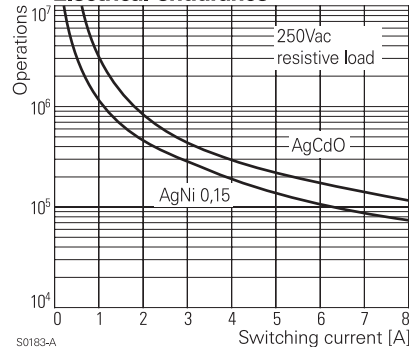
Dielectric strength	coil-contacts	4000 V <sub>rms</sub>
	open contact circuit	1000 V <sub>rms</sub>
	adjacent contacts	2500 V <sub>rms</sub>
Clearance / creepage		8 / 8 mm

## Max. DC load breaking capacity



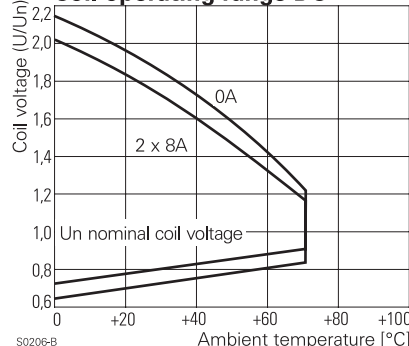
S0194-B

## Electrical endurance



S0183-A

## Coil operating range DC



S0206-B

