

Power Relay 410 63 125°C

- 1 pole 16 A, 1 NO or 1 NC contact
- Switching capacity 4000 VA
- Coil power 360 mW
- 4 kV / 8 mm coil-contact, insulation to VDE 0631 and 0700
- Ambient temperature up to 125°C
- Quick connect terminals for load side
- WG version: Materials in accordance to IEC 60335-1
- RoHS compliant (Directive 2002/95/EC) as per product date code 0349

Applications

White goods appliances, oven control, electric heating, power supplies, air conditioning, motors, magnetic valves



F0248-AA

Approvals

VDE REG.-Nr. 3725, cULus E214025
Technical data of approved types on request

Contact data

Contact configuration	1NO or 1NC
Contact set	single contact
Type of interruption	micro disconnection
Rated current	16 A
Rated voltage / max.switching voltage AC	240/400 VAC
Limiting making capacity, max 4 s, duty factor 10%	25 A
Contact material	AgCdO, AgNi
Mechanical endurance	1x10 ⁶ cycles
Rated frequency of operation with / without load	10 / 600 min ⁻¹

Contact ratings

Type	Load	Cycles
NO contact	16 A, 250 VAC, resistive, 125°C	1x10 ⁵
NO contact	12 A, 250 VAC, resistive, 70°C	4,5x10 ⁵
NC contact	16 A, 250 VAC, resistive, 125°C	1,5x10 ⁵
NO contact	10 A, 400 VAC, resistive, 125°C	5x10 ⁴
NO contact	12 A, 250 VAC, cosφ=0.6, 125°C	5x10 ⁴

Coil data

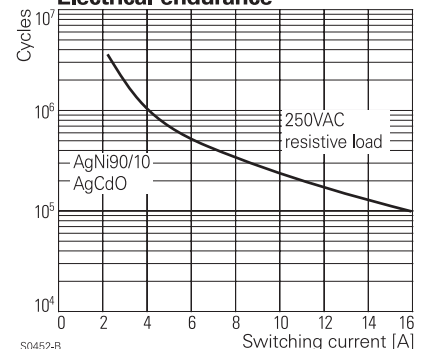
Rated coil voltage DC coil	6...60 VDC
Coil power DC coil	typ. 360 mW
Operative range	1
Coil insulation system according UL1446	Class F

Coil versions, DC-coil

Coil code	Rated voltage VDC	Operate voltage VDC	Release voltage VDC	Coil resistance Ohm	Rated coil power mW
054	6	3.6	0.45	100±10%	360
053	9	5.5	0.68	230±10%	352
050	12	7.3	0.9	400±10%	360
046	24	14.6	1.8	1600±10%	360
043	48	29.2	3.6	6400±10%	360
042	60	36.5	4.5	10000±10%	360

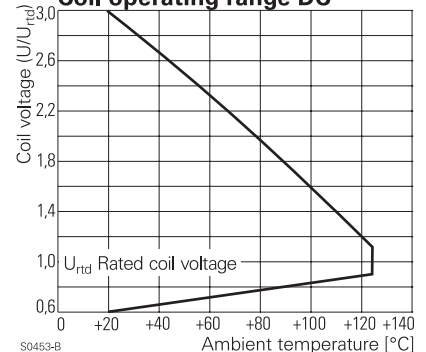
All figures are given for coil without preenergization, at ambient temperature +23°C
Other coil voltages on request

Electrical endurance



S0452-B

Coil operating range DC



S0453-B

