

Miniature PCB Relay PCE

- 10A contact rating
- 1 Form A (1 NO) or 1 Form C (1 CO) contact optional
- Class F insulation system standard

Typical applications
Appliances, HVAC, office machines



Approvals

UL E58304, VDE 40011077, CQC 08001027389
Technical data of approved types on request

Contact Data

| | | |
|-------------------------------|-------------------------------|-------------------------|
| Contact arrangement | 1 Form A (NO), 1 Form C (CO) | |
| Rated voltage | 28VDC, 240VAC | |
| Max. switching voltage | 28VDC, 240VAC | |
| Rated current | 10A | |
| Contact material | AgCdO, AgSnO | |
| Min. recommended contact load | 100mA, 5VDC | |
| Frequency of operation | 360 ops./h | |
| Operate/release time max. | 10ms/5ms | |
| Electrical endurance | | |
| form A (NO) | 10A, 240VAC, +85°C | 30x10 ³ ops. |
| form B (NC) | 6A, 240VAC, +85°C | 25x10 ³ ops. |
| Mechanical endurance, DC coil | 10x10 ⁶ operations | |

Coil Data

| | |
|-------------------------------------|------------|
| Coil voltage range | 3 to 48VDC |
| Operative range, IEC 61810 | 2 |
| Coil insulation system according UL | Class E, F |

Coil versions, DC coil

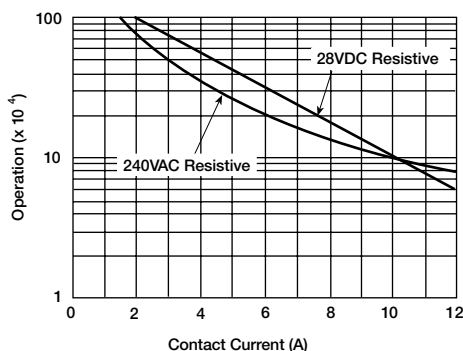
| Coil code | Rated voltage VDC | Operate voltage VDC | Release voltage VDC | Coil resistance $\Omega \pm 10\%$ | Rated coil power mW |
|-----------|-------------------|---------------------|---------------------|-----------------------------------|---------------------|
| 03 | 3 | 2.25 | 0.15 | 25 | 360 |
| 05 | 5 | 3.75 | 0.25 | 69.4 | 360 |
| 06 | 6 | 4.5 | 0.3 | 100 | 360 |
| 09 | 9 | 6.75 | 0.45 | 225 | 360 |
| 12 | 12 | 9.0 | 0.6 | 400 | 360 |
| 18 | 18 | 13.5 | 0.9 | 900 | 360 |
| 24 | 24 | 18.0 | 1.2 | 1600 | 360 |
| 36 | 36 | 27.0 | 1.8 | 3600 | 360 |
| 48 | 48 | 36.0 | 2.4 | 6400 | 360 |

All figures are given for coil without pre-energization, at ambient temperature +23°C

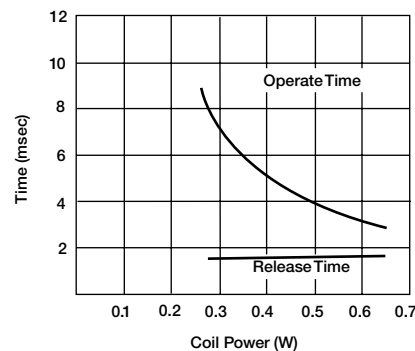
Insulation Data

| | |
|-----------------------------|----------------------|
| Initial dielectric strength | |
| between open contacts | 750V _{rms} |
| between contact and coil | 2000V _{rms} |
| Clearance/creepage | |
| between contact and coil | >1.6mm/>3.2mm |

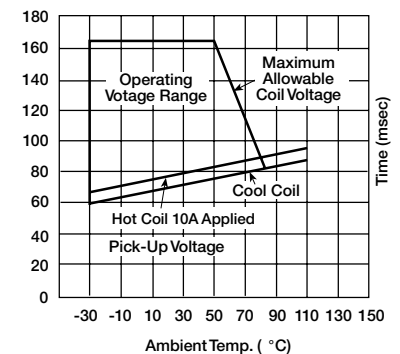
Electrical endurance



Operate time



Coil operative range



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