



RKE4CO024LT



RKE4CO730LT



Features

- > 2 pole 7A; 4 pole 5A
- > With non-polarity LED integrated in relay
- > With lockable test button and inspection window
- > Identification of coils through test button color (AC red/DC blue)
- > Conformity with RoHs Directive

Ordering Information

RKE

Contact form _____
 2C: 2 change over
 4C: 4 change over

Mount options _____
 O: plug in

Coil voltage _____
 006~220: 6~220VDC
 506~880: 6~380VAC

Options _____
 LT:LED + test button
 LTD: LED + test button +diode
 A: for signal control (selection plus A, namely LTA, LTDA, LSA)

Characteristics

| | | 2C | 4C | |
|-----------------------------------|--|-------------------------------------|-----------------|-----------------|
| Contact | Configuration | 2C | 4C | |
| | Rated current/ Rated voltage | Resistive load | 7A/250VAC 30VDC | 5A/250VAC 30VDC |
| | | Motor load | 1/6HP 240VAC | |
| | Switching capacity (resistive) | 2500VA, 300W | 1250VA 150W | |
| | Initial contact resistance | ≤50mΩ | | |
| | Material | Ag alloy | | |
| | Electrical durability | ≥10 ⁵ times (1800 Ops/h) | | |
| Mechanical durability | ≥10 ⁷ times (18000 Ops/h) | | | |
| Pick-up voltage (23°C) | DC:≤75% (Rated voltage), AC:≤80% (Rated voltage) | | | |
| Drop-out voltage (23°C) | DC:≥10% (Rated voltage),AC:≥30% (Rated voltage) | | | |
| Maximum voltage (23°C) | 110% (Rated voltage) | | | |
| Insulation resistance | ≥500mΩ (500VDC) | | | |
| Coil operating power | DC(W) | approx. 0.9 | | |
| | AC(VA) | approx. 1.2 | | |
| Operate time (at nominal voltage) | ≤20 ms | | | |
| Release time (at nominal voltage) | ≤20 ms | | | |
| Initial breakdown voltage | Between open contacts | 1000VAC/1min | | |
| | Between poles | 2000VAC/1min | | |
| | Between contacts and coil | 2000VAC/1min | | |
| Ambient temperature | -55~+70°C | | | |
| Humidity | 35%~85%RH | | | |
| Air pressure | 86~106KPa | | | |
| Shock resistance | 10G | | | |
| Vibration resistance | 10~55Hz double-amplitude:1.0mm | | | |
| Mounting | plug in | | | |
| Unit weight | 35g | | | |

>>> RKE Miniature General Purpose Relay

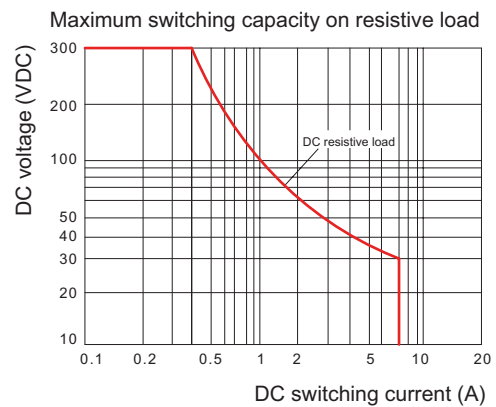
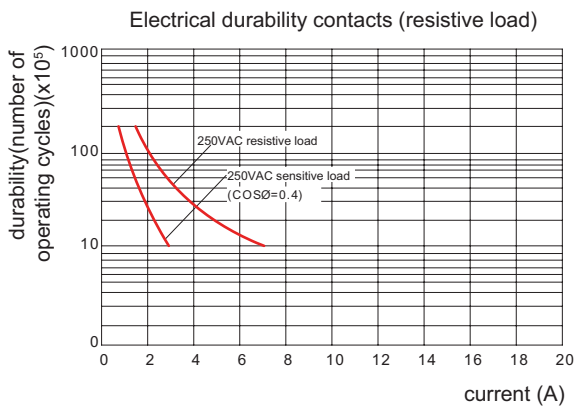
Coil Specifications (23°C)

| | | | | | | | | | | |
|--------------------------|------|-----|-----|-----|------|------|-------|-------|-------|-------|
| Voltage code | 006 | 009 | 012 | 024 | 036 | 048 | 110 | 220 | | |
| Nominal voltage V.DC | 6 | 9 | 12 | 24 | 36 | 48 | 110 | 220 | | |
| Coil resistance Ω | 40 | 90 | 160 | 630 | 1500 | 2600 | 11000 | 42000 | | |
| Voltage code | 506 | 512 | 524 | 536 | 548 | 615 | 720 | 730 | 740 | 880 |
| Nominal voltage V.AC | 6 | 12 | 24 | 36 | 48 | 115 | 220 | 230 | 240 | 380 |
| Coil resistance Ω | 11.5 | 40 | 160 | 370 | 600 | 4430 | 13000 | 16500 | 18790 | 42000 |

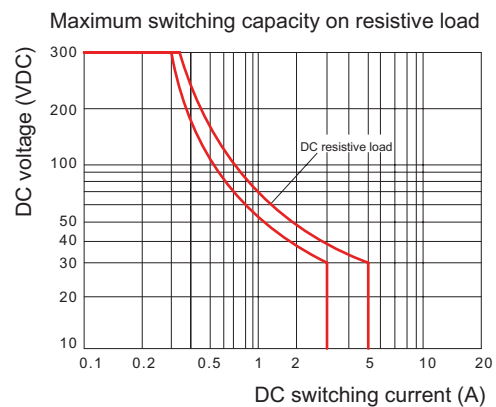
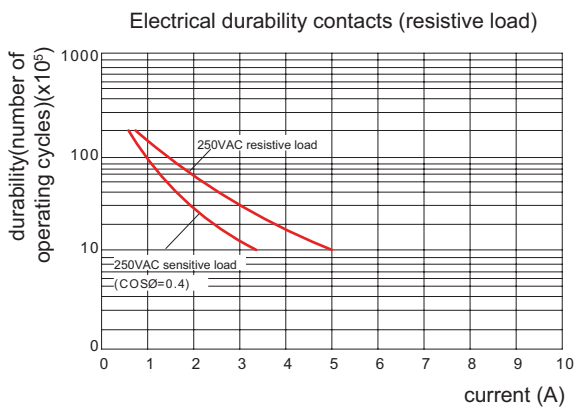
Remarks: Coil resistances under coil voltage 110V are measured with tolerances of 10%; above coil voltage 110V are measured with tolerances of 15%.

Contact Specification

RKE2CO

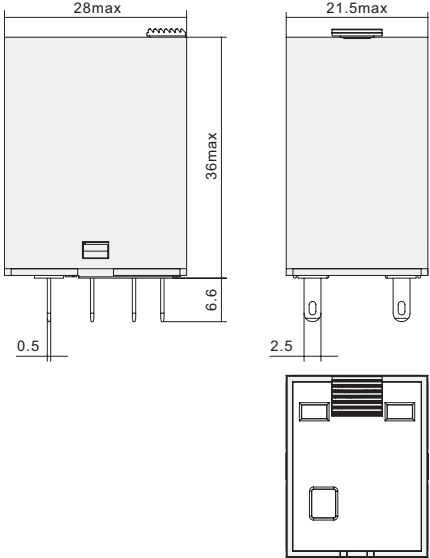


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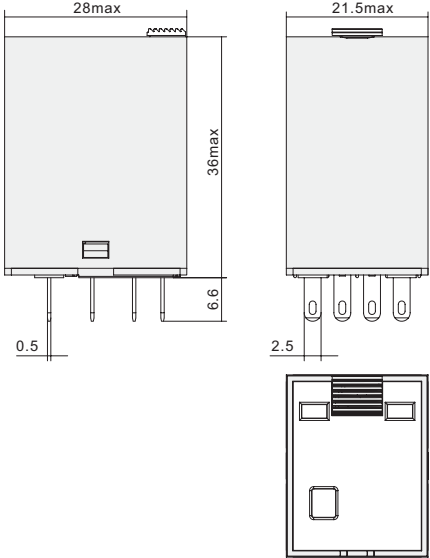


Dimensions (mm)

RKE2CO

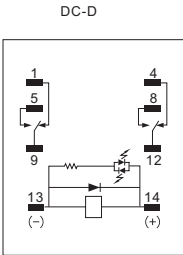
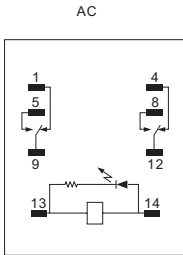
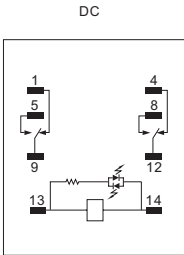
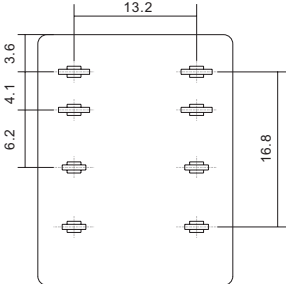


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Wiring Diagrams

RKE2CO



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