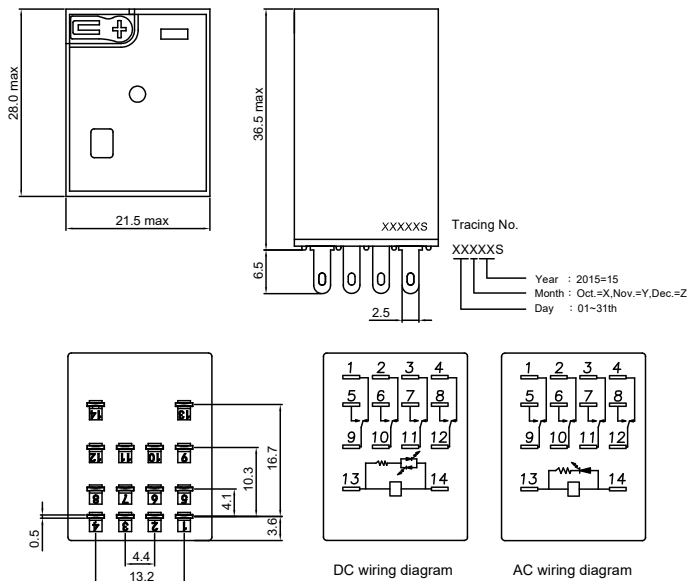


RER-S4C-XXXX

RER Series industrial Relay



Part Number Description

RER-S4C-XXXX

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③

- ① S = Spec.
- ② 4C = No. of contacts
- ③ XXXX = Voltage
 - D24 = DC24V
 - A120 = AC120V
 - A230 = AC230V

Specification

| Coil Characteristics | | | |
|---|--|--------------------------|--------------------------|
| Rated voltage | 24VDC | 120VAC | 230VAC |
| Rated current | 36.9mA | 9.2mA | 5.5mA |
| Coil resistance | 640Ω±10% | 4430Ω±15% | 16500Ω±15% |
| Pull-in voltage (at 23°C) | 18V(≤Rated voltage 75%) | 96V(≤Rated voltage 80%) | 184V(≤Rated voltage 80%) |
| Drop-out voltage (at 23°C) | 2.4V(≥Rated voltage 10%) | 36V(≥Rated voltage 30%) | 69V(≥Rated voltage 30%) |
| Max. Allowable voltage (at 23°C) | 26.4V(Rated voltage 110%) | 132V(Rated voltage 110%) | 253V(Rated voltage 110%) |
| Coil power consumption | 0.9W | 1.2VA | 1.2VA |
| LED Status display | Green/DC | Red/AC | Red/AC |
| Contact Characteristics | | | |
| No. of contacts | 4C | | |
| Resistive load (AC-1) | 5A/250VAC, 30VDC | | |
| Motor load (AC-15) | 1/3HP 240VAC, 1/6HP 240VAC | | |
| Operating power (resistive) | 1250VA, 150W | | |
| Min. allowable load | 10mA/17V | | |
| Contact material | AgNi | | |
| Contact resistance | ≤50mΩ | | |
| Dielectric Strength | | | |
| Between adjacent contacts | 1000VAC/1min | | |
| Between open contacts / between live parts and ground | 1500VAC/1min | | |
| Between contact and coil | 2000VAC/1min | | |
| Insulation resistance | ≥500MΩ (500VDC) | | |
| General Characteristics | | | |
| Operate time (rated voltage) | ≤20ms | | |
| Release time (rated voltage) | ≤20ms | | |
| Operating frequency | 18000 Ops/h | | |
| Ambient temperature | -55~+70°C (Non-freezing condition) | | |
| Ambient humidity | 35%~85%RH | | |
| Atmospheric pressure | 86~106KPa | | |
| Impact resistance | 10G | | |
| Vibration resistance | 10~55Hz | | |
| Electrical life (frequency: on for 1s, off for 1s) | ≥10 ⁵ frequency (18000 Ops/h) | | |
| Mechanical life (frequency: 300 cycles/1 min) | ≥10 ⁷ frequency (18000 Ops/h) | | |
| Weight per piece | About 35g | | |

Relay Base and Accessories

| Part Number | Product Description | Number of Packages | Specification |
|--------------|--|--------------------|---------------|
| RER-S4C-XXXX | 4C, 5A, with indicator and control button | 20 | - - |
| 0149-10-14A | Screw connection relay base,DIN rail mounting | 10 | RER-S4C-XXXX |
| 0149-11 | Metal retaining clip | 20 | 0149-10-14A |
| 0149-13-14E | Clamping connection relay base,DIN rail mounting | 10 | RER-S4C-XXXX |
| 0149-14 | Pastic retaining clip | 5 | 0149-13-14E |
| 0149-36 | 6~250VDC Volt.suppression component | 10 | 0149-13-14E |
| 0149-35-24 | 6-24VAC / DC LED indicator | 10 | 0149-13-14E |
| 0149-35-240 | 110-240VAC / DC LED indicator | 10 | 0149-13-14E |