

SPARE PART SIMATIC ET 200SP, RELAY MODULE
 NORMALLY OPEN, RQ 4X120VDC..230VAC/5A STANDARD FITS
 TO BU-TYPE B0, COLOR CODE CC00, MODULE DIAGNOSIS



| General information | |
|---|-----------------------------|
| Product type designation | RQ 4x120VDC-230VAC/5A NO ST |
| usable BaseUnits | BU type B0 |
| Color code for module-specific color identification plate | CC00 |
| Product function | |
| <ul style="list-style-type: none"> I&M data | Yes; I&M0 to I&M3 |
| Engineering with | |
| <ul style="list-style-type: none"> STEP 7 TIA Portal configurable/integrated as of version | V12 SP1 / V13 |
| <ul style="list-style-type: none"> STEP 7 configurable/integrated as of version | V5.5 SP3 / - |
| <ul style="list-style-type: none"> PROFIBUS as of GSD version/GSD revision | GSD Revision 5 |
| <ul style="list-style-type: none"> PROFINET as of GSD version/GSD revision | V2.3 / - |
| Supply voltage | |
| Rated value (DC) | 24 V |
| permissible range, lower limit (DC) | 19.2 V |
| permissible range, upper limit (DC) | 28.8 V |
| Reverse polarity protection | Yes |

| Input current | |
|--|-------------------------|
| Current consumption, max. | 100 mA; without load |
| Power loss | |
| Power loss, typ. | 1.5 W |
| Address area | |
| Address space per module | |
| • Address space per module, max. | 1 byte |
| Digital outputs | |
| Switching frequency | |
| • with resistive load, max. | 2 Hz |
| • with inductive load, max. | 0.5 Hz |
| • on lamp load, max. | 2 Hz |
| Total current of the outputs | |
| • Current per module, max. | 20 A |
| Relay outputs | |
| • Number of relay outputs | 4 |
| • Rated supply voltage of relay coil L+ (DC) | 24 V |
| • Current consumption of relays (coil current of all relays), max. | 40 mA |
| • external protection for relay outputs | Yes, with 6A |
| Switching capacity of contacts | |
| — Thermal continuous current, max. | 5 A |
| Cable length | |
| • shielded, max. | 1 000 m |
| • unshielded, max. | 200 m |
| Interrupts/diagnostics/status information | |
| Substitute values connectable | Yes |
| Alarms | |
| • Diagnostic alarm | Yes |
| Diagnostic messages | |
| • Monitoring the supply voltage | Yes |
| Diagnostics indication LED | |
| • Monitoring of the supply voltage (PWR-LED) | Yes; green PWR LED |
| • Channel status display | Yes; Green LED |
| • for module diagnostics | Yes; green/red DIAG LED |
| Potential separation | |
| Potential separation channels | |
| • between the channels | Yes |
| • between the channels and backplane bus | Yes |

• between the channels and the power supply of the electronics

Yes

Permissible potential difference

between different circuits 75 V DC/60 V AC (base isolation)

Isolation

Isolation tested with 707 V DC (type test)

Ambient conditions

Ambient temperature during operation

- horizontal installation, min. 0 °C
- horizontal installation, max. 60 °C
- vertical installation, min. 0 °C
- vertical installation, max. 50 °C

Dimensions

Width 20 mm

Weights

Weight, approx. 40 g

last modified: 14.05.2016