

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 STEP 7 configurable/integrated as of version PROFIBUS as of GSD version/GSD revision PROFINET as of GSD version/GSD revision 	V12 SP1 / V13 V5.5 SP3 / - GSD Revision 5 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.
- horizontal installation, max.
- vertical installation, min.
- vertical installation, max.

0 °C

60 °C

0 °C

50 °C

Dimensions

Width

20 mm

Weights

Weight, approx.

40 g

last modified:

12/22/2016