

6ES7132-6HD00-0BB0

(EAN: 4025515082132)

ET 200SP, RQ NO 4x120VDC..230VAC/5A ST

Technical data

Spare part SIMATIC ET 200SP, relay module normally open, RQ 4x120VDC..230VAC/5A
Standard suitable for BU type B0, Color code CC00, Module diagnostics

General information

Product type designation	RQ 4x120 VDC ... 230 VAC/5 A NO ST
Firmware version	V1.1
• FW update possible	Yes
usable BaseUnits	BU type B0
Color code for module-specific color identification plate	CC00

Product function

• I&M data	Yes; I&M0 to I&M3
• Isochronous mode	No

Engineering with

• STEP 7 TIA Portal configurable/integrated from version	V12 SP1 / V13
• STEP 7 configurable/integrated from version	V5.5 SP3 / -
• PCS 7 configurable/integrated from version	V8.1 SP1
• PROFIBUS from GSD version/GSD revision	GSD Revision 5
• PROFINET from GSD version/GSD revision	GSDML V2.3

Operating mode

• DQ	Yes
• DQ with energy-saving function	No
• PWM	No
• Oversampling	No
• MSO	No

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
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Power loss

Power loss, typ.	1.5 W
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Address area

Address space per module

• Address space per module, max.	1 byte; + 1 byte for QI information
• Inputs	1 byte; With QI
• Outputs	1 byte

Digital outputs

Type of digital output	Relays
Number of digital outputs	4
Short-circuit protection	No

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
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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
— Switching current, min.	100 mA

Cable length

• shielded, max.	1 000 m
• unshielded, max.	200 m

Interrupts/diagnostics/status information

Diagnostics function	Yes
Substitute values connectable	Yes

Alarms

• Diagnostic alarm	Yes
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Diagnoses

• Monitoring the supply voltage	Yes
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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 channels and backplane bus/supply voltage	240 V AC
between backplane bus and supply voltage	75 V DC/60 V AC
Isolation	
Isolation tested with	2 500 V DC (type test)
tested with	
• between channels and backplane bus/supply voltage	2 500 V DC
• between backplane bus and supply voltage	500 V DC
Dimensions	
Width	20 mm
Weights	
Weight, approx.	40 g
last modified:	1/16/2021
Last changes: 09/14/2021	