SIEMENS

Data sheet

6ES7132-6HD01-0BB1



SIMATIC ET 200SP, Relay module, RQ NO 4x 120V DC..230VAC/5A ST. 4 normally open contacts, isolated contacts, packing unit: 1 piece, fits to BU-type B0 and B1, Colour Code CC40, substitute value output, module diagnostics for: supply voltage

RQ 4x120 VDC 230 VAC/5 A NO ST
RQ 4X120 VDC 230 VAC/3 A NO 31
From FS02
V0.0
No
BU type B0, B1
tification plate CC40
Yes; I&M0 to I&M3
No
egrated from V14
m version V5.5 SP3
version V8.1 SP1
One GSD file each, Revision 3 and 5 and higher
revision GSDML V2.3
Yes
No
No
No
No
Yes
24 V
19.2 V
28.8 V
Yes
55 mA; without load
230 V
1.5 W
+ 1 byte for QI information
Yes No No No No Yes 24 V 19.2 V 28.8 V Yes 55 mA; without load

 Outputs 	1 byte
Hardware configuration	
Automatic encoding	Yes
Mechanical coding element	Yes
Type of mechanical coding element	type C
Selection of BaseUnit for connection variants	VI.
2-wire connection	BU type B1
3-wire connection	BU type B0
Digital outputs	, , , , , , , , , , , , , , , , , , ,
Type of digital output	Relays
Number of digital outputs	4
Current-sinking	Yes
Current-sourcing	Yes
Digital outputs, parameterizable	Yes
Short-circuit protection	No
Parallel switching of two outputs	
for logic links	Yes
• for uprating	No
for redundant control of a load	Yes
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 channel, max. 	5 A
Current per module, max.	20 A
Total current of the outputs (per module)	
horizontal installation	
— up to 50 °C, max.	20 A
— up to 60 °C, max.	16 A
vertical installation	00.4
— up to 40 °C, max.	20 A
— up to 50 °C, max.	16 A
Relay outputs Number of relay outputs	4
Rated supply voltage of relay coil L+ (DC)	4 24 V
Current consumption of relays (coil current of all	24 V 40 mA
relays), max.	70 HP.
 external protection for relay outputs 	Yes, with miniature fuse max. 6 A tripping current and quick-response
•	tripping characteristic
 Number of operating cycles, max. 	7 000 000; see additional description in the manual
Switching capacity of contacts	
— with inductive load, max.	2 A; see additional description in the manual
— with resistive load, max.	5 A; see additional description in the manual
— Thermal continuous current, max.	5 A; Max. 1 385 VA, 150 W
— Switching current, min.	100 mA; 5 V DC
— Rated switching voltage (DC)	24 V DC to 120 V DC
— Rated switching voltage (AC)	24V AC to 230V AC
Cable length	1 000 m
shielded, max.	1 000 m 200 m
unshielded, max. Interrupte/diagnostics/status information	200 111
Interrupts/diagnostics/status information	Ves
Diagnostics function Substitute values connectable	Yes
Substitute values connectable	Yes
Alarms	Voo
Diagnostic alarm Diagnoses	Yes
Diagnoses • Monitoring the supply voltage	Vos
Monitoring the supply voltage Wire break	Yes
Wire-break Short-circuit	No No
● SHOIT-GIIGUIT	INU

Diagnostics indication LED	
 Monitoring of the supply voltage (PWR-LED) 	Yes; green PWR LED
 Channel status display 	Yes; green LED
 for channel diagnostics 	No
 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
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 	707 V DC (type test)
Standards, approvals, certificates	
Suitable for safety functions	No
Ambient conditions	
Ambient temperature during operation	
 horizontal installation, min. 	-30 °C
 horizontal installation, max. 	60 °C
 vertical installation, min. 	-30 °C
vertical installation, max.	50 °C
Altitude during operation relating to sea level	
 Installation altitude above sea level, max. 	2 000 m; On request: Installation altitudes greater than 2 000 m
Dimensions	
Width	20 mm
Height	73 mm
Depth	58 mm
Weights	
Weight, approx.	40 g

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last modified: