SIEMENS

Data sheet

6ES7132-6FD00-0BB1



SIMATIC ET 200SP, digital output module, DQ 4x 24..230V AC/2A Standard suitable for BU type B1, Color code CC41, Module diagnostics

General information	
Product type designation	DQ 4x24 230 V AC/2 A ST
HW functional status	From FS05
Firmware version	
 FW update possible 	Yes
usable BaseUnits	BU type B1
Color code for module-specific color identification plate	CC41
Product function	
 I&M data 	Yes; I&M0 to I&M3
Isochronous mode	No
Engineering with	
 STEP 7 TIA Portal configurable/integrated from version 	V13 / V13
 STEP 7 configurable/integrated from version 	V5.5 SP3 / -
 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 (AC)	230 V
permissible range, lower limit (AC)	20.4 V
permissible range, upper limit (AC)	264 V
Input current	
Current consumption (rated value)	11.5 mA
Output voltage	
Rated value (AC)	230 V; 24V AC to 230V AC
Power loss	
Power loss, typ.	9 W; Active power, load voltage 230 V, all outputs loaded with 2 A, 50 Hz
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

Triac with zero point detection 4 No Yes No No; When using BU type B1, a miniature, quick-response fuse with 10 A tripping current must be provided Yes 2 A 100 W 20.4 V 2 A 10 mA 2 A 460 µA No No
No Yes No No; When using BU type B1, a miniature, quick-response fuse with 10 A tripping current must be provided Yes 2 A 100 W 20.4 V 2 A 10 mA 2 A 460 µA 10 ms 10 ms
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2 A 100 W 20.4 V 2 A 10 mA 2 A 460 μA 10 ms 10 ms
100 W 20.4 V 2 A 10 mA 2 A 460 μA 10 ms 10 ms
100 W 20.4 V 2 A 10 mA 2 A 460 μA 10 ms 10 ms
20.4 V 2 A 10 mA 2 A 460 µA 10 ms 10 ms
2 A 10 mA 2 A 460 μA 10 ms 10 ms
2 A 10 mA 2 A 460 μA 10 ms 10 ms
10 mA 2 A 460 μA 10 ms 10 ms
10 mA 2 A 460 μA 10 ms 10 ms
10 mA 2 A 460 μA 10 ms 10 ms
2 A 460 μA 10 ms 10 ms
460 μA 10 ms 10 ms
10 ms 10 ms
10 ms No
10 ms No
No
No
Yes
10 Hz
0.5 Hz; Higher frequencies are possible, see Equipment Manual / Product Information
1 Hz
2 A
8 A
8 A
6 A
4 A
8 A
6 A
4 A
771
1 000 m
1 000 m
600 m
No
Yes
No
No
No
No
Yes
100
Vas: graan PWP LED
Yes; green PWR LED Yes; green LED

 for channel diagnostics 	No
 for module diagnostics 	Yes; green/red DIAG LED
Potential separation	
Potential separation channels	
 between the channels 	No
 between the channels and backplane bus 	Yes
 between the channels and the power supply of the electronics 	No
Isolation	
Isolation tested with	2 545 V DC/2 s (routine 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.	60 °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.	50 g
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