SIEMENS

Data sheet 6ES7132-4FB01-0AB0

SIMATIC DP, 5 electronic modules for ET 200S, 2 DO 24...230 V AC
15 mm width, 5 units per packing unit



Figure similar

Supply voltage	
Reverse voltage protection	Yes; when using the same load voltage as on the power module
Load voltage L1	
• permissible range, lower limit (AC)	24 V; From power module
• permissible range, upper limit (AC)	230 V
• permissible frequency range, lower limit	47 Hz
• permissible frequency range, upper limit	63 Hz
Input current	
from load voltage L1 (without load), max.	15 mA; Per channel
from backplane bus 3.3 V DC, max.	18 mA
Power loss	
Power loss, max.	4 W
Address area	
Address space per module	
• Address space per module, max.	1 byte
• with packing	2 bit

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Digital outputs	
Type of digital output	Triac
Number of digital outputs	2
Short-circuit protection	Yes
Limitation of inductive shutdown voltage to	-55 to -60 V
Controlling a digital input	Yes; possible
Switching capacity of the outputs	
• on lamp load, max.	100 W
Output voltage	
• for signal "1", min.	L+ (-1.5 V)
Output current	
• for signal "1" rated value	2 A
• for signal "1" permissible range, min.	0.1 mA
• for signal "1" permissible range, max.	2.2 A
• for signal "0" residual current, max.	3 mA
Output delay with resistive load	
• "0" to "1", max.	15 ms
• "1" to "0", max.	15 ms
Parallel switching of two outputs	
• for uprating	No
• for redundant control of a load	Yes; per module
Switching frequency	
• with resistive load, max.	10 Hz
• with inductive load, max.	0.5 Hz
• on lamp load, max.	1 Hz
Total current of the outputs	
• Current per module, max.	2 A; note derating data in the manual
Cable length	
• shielded, max.	1 000 m
• unshielded, max.	600 m

Interrupts/diagnostics/status information	
Diagnostics function	No
Diagnostics indication LED	
• Status indicator digital output (green)	Yes

Parameter	
Remark	3 byte
Response to CPU/master STOP	Substitute a value/keep last value, 0/1

Potential separation	
Potential separation digital outputs	
• between the channels	No
• between the channels and backplane bus	Yes

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Isolation	
Isolation tested with	2 500 V DC

Dimensions	
Width	15 mm
Height	81 mm
Depth	52 mm

Weights	
Weight, approx.	37 g

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