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Data sheet 6ES7132-4BF00-0AA0

SIMATIC DP, 1 ELECTRON. MODULE FOR ET 200S, 8 DO DC24V/0,5A, 15 MM WIDTH, 1 PIECE PER PACKAGING UNIT



Figure similar

Supply voltage	
Reverse voltage protection	Yes
Load voltage L+	
• Rated value (DC)	24 V
• Reverse polarity protection	Yes
Input current	
from load voltage L+ (without load), max.	5 mA; Per channel
from backplane bus 3.3 V DC, max.	10 mA
Power loss	
Power loss, typ.	1.5 W
Address area	
Address space per module	
• without packing	1 byte
Digital outputs	
Number of digital outputs	8
Short-circuit protection	Yes
• Response threshold, typ.	o.k.

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Limitation of inductive shutdown voltage to	o.k.
Controlling a digital input	Yes
Switching capacity of the outputs	
• on lamp load, max.	5 W
Load resistance range	
• lower limit	48 Ω
• upper limit	3 400 Ω
Output voltage	
• for signal "1", min.	o.k.
Output current	
• for signal "1" rated value	0.5 A
• for signal "1" permissible range, min.	7 mA
• for signal "1" permissible range, max.	600 mA
• for signal "0" residual current, max.	0.3 mA
Output delay with resistive load	
• "0" to "1", max.	300 µs
• "1" to "0", max.	600 µs
Parallel switching of two outputs	
• for uprating	No
• for redundant control of a load	Yes
Switching frequency	
• with resistive load, max.	100 Hz
• with inductive load, max.	2 Hz
• on lamp load, max.	10 Hz
Total current of the outputs	
• Current per module, max.	4 A
Cable length	
• shielded, max.	1 000 m
• unshielded, max.	600 m

Isochronous mode	
Isochronous operation (application synchronized up to terminal)	Yes; jitter incumbered < 100us

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

Parameter	
Remark	3-byte parameter (not accessible for the user)

Potential separation	
Potential separation digital outputs	
• between the channels	No

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• between the channels and backplane bus	Yes

Isolation	
Isolation tested with	500 V DC

Dimensions	
Width	15 mm
Height	81 mm
Depth	52 mm

Weights	
Weight, approx.	40 g

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