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Data sheet 6ES7132-4BD01-0AA0

	SIMATIC DP, 5 ELECTRON. MODULES FOR ET 200S, 4 DO STANDARD DC 24V/0.5A, 15 MM WIDTH, 5 PIECES PER PACKAGING UNIT
General information	
Product function	
● Isochronous mode	Yes
Supply voltage	
Reverse voltage protection	Yes; when using the same load voltage as on the power module
Load voltage L+	
● Rated value (DC)	24 V; From power module
● Reverse polarity protection	Yes; polarity reversal can lead to the digital outputs being connected through
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.	0.8 W
Address area	
Address space per module	
● Address space per module, max.	1 byte
● with packing	4 bit
Digital outputs	
Number of digital outputs	4
Short-circuit protection	
● Response threshold, typ.	0.7 to 1.5 A
Limitation of inductive shutdown voltage to	-55 to -60 V, L+( )
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.	L+ (-1 V)
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.	100 µs
● "1" to "0", max.	300 µs
Parallel switching of two outputs	
● for uprating	No
● for redundant control of a load	Yes; per module
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.	2 A
Cable length	
● shielded, max.	1 000 m

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● unshielded, max.	600 m
Interrupts/diagnostics/status information	
Diagnostics function	No
Diagnostics indication LED	
● Status indicator digital output (green)	Yes
Potential separation	
Potential separation digital outputs	
● between the channels	No
● 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

Approvals / Certificates

General Product Approval | **For use in hazardous locations**

Miscellaneous | Manufacturer Declaration | UL | China RoHS | ATEX | FM

For use in hazardous locations | **Maritime application**

UL | IECEx | ABS | LRS | PRS | CCS (China Classification Society)

Maritime application

KR (Korean Register of Shipping)

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