SIEMENS

Data sheet

6ES7132-4BD02-0AA0



SIMATIC DP, 5 electronic modules for ET 200S, 4 DO standard 24 V DC/0.5 A, 15 mm width, 5 units per packing unit

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.	10 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		
Type of digital output	Source output (PNP, current-sourcing)	
Number of digital outputs	4	
Short-circuit protection	Yes	
 Response threshold, typ. 	1 to 1.5 A	
Limitation of inductive shutdown voltage to	L+ (-55 to -60 V)	
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.	50 µs	
• "1" to "0", max.	120 µs	

Decalled ewitching of two outputs		
Parallel switching of two outputs	Na	
• for uprating	No	
for redundant control of a load	Yes; per module	
Switching frequency		
 with resistive load, max. 	800 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	
• unshielded, max.	600 m	
Interrupts/diagnostics/status information		
Diagnostics function	No	
Diagnostics indication LED		
 Status indicator digital output (green) 	Yes	
Parameter		
Remark	1 byte	
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	
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