



SIMATIC DP, 5 electronic modules for ET 200S, 2 DO Standard 24 V DC/2 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) - Reverse polarity protection	24 V; From power module 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.	1.4 W
Address area	
Address space per module	
- Address space per module, max. - with packing	1 byte 2 bit
Digital outputs	
Type of digital output	Source output (PNP, current-sourcing)
Number of digital outputs	2
Short-circuit protection	Yes
Response threshold, typ.	2.8 to 7.2 A
Limitation of inductive shutdown voltage to	-55 to -60 V, typ. L+ ()
Controlling a digital input	Yes
Switching capacity of the outputs	
on lamp load, max.	10 W
Load resistance range	
- lower limit - upper limit	12 Ω 3 400 Ω
Output voltage	
for signal "1", min.	L+ (-1 V)
Output current	
- for signal "1" rated value - for signal "1" permissible range, min. - for signal "1" permissible range, max. - for signal "0" residual current, max.	2 A 7 mA 2.4 A 0.5 mA
Output delay with resistive load	
"0" to "1", max. "1" to "0", max.	200 μs 1.3 ms

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; 0,5 H
• 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
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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