

*** SPARE PART*** SIMATIC DP, POWER MODULE PM 148 FOR ET 200X 4 DO, 24 24V DC/2 A WITH LOAD VOLTAGE INPUT, WITH DIAGNOSIS BY CHANNEL



Supply voltage	
Load voltage 2L+	
• Rated value (DC)	24 V
• Short-circuit protection	Yes
• Reverse polarity protection	No
Input current	
from load voltage 2L+ (without load), max.	60 mA
from backplane bus 5 V DC, max.	40 mA
Power loss	
Power loss, typ.	2.5 W
Digital outputs	
Number of digital outputs	4
Short-circuit protection	Yes; Electronic
• Response threshold, typ.	3.5 A
Switching capacity of the outputs	
• on lamp load, max.	10 W
Output current	

• for signal "1" rated value	2 A; at 24 V DC
• for signal "0" residual current, max.	0.5 mA
Switching frequency	
• with resistive load, max.	100 Hz
• with inductive load, max.	0.5 Hz
• on lamp load, max.	1 Hz
Total current of the outputs (per group)	
all mounting positions	
— up to 20 °C, max.	6 A
— up to 55 °C, max.	4 A
Cable length	
• unshielded, max.	30 m
Interrupts/diagnostics/status information	
Diagnostic messages	
• Wire-break	Yes; channel by channel
• Short-circuit	Yes; channel by channel
Potential separation	
between backplane bus and all other circuit components	Yes
Dimensions	
Width	87 mm; Width module 60 mm
Height	165 mm
Depth	67 mm; incl. connector
Weights	
Weight, approx.	250 g
last modified:	08/29/2017