

SIMATIC DP, POWER MODULE PM-E FOR ET200S; DC 24 - 48V,
AC 24 - 230V, WITH DIAGNOSTICS AND BACKUP

Supply voltage	
Load voltage L+	
• Rated value (DC)	24 to 56.7 V DC, 24 to 48 V / 120 V / 230 V AC
• short-circuit protection	Yes; IEC 127-2/1, internal with fuse (5 x 20 mm), 250 V, 10 A, quick-response, replaceable
• Reverse polarity protection	Yes
Input current	
from load voltage L+ (without load), max.	9 mA
from backplane bus 24 V DC, max.	9.5 mA
Output voltage	
Overvoltage protection	Yes
Current carrying capacity	
up to 30 °C, max.	10 A; 10 A (24 to 56.7 V DC), 8 A (24 to 48 V AC / 120 V / 230 V)
up to 40 °C, max.	9 A; 9 A (24 to 56.7 V DC); 7 A (24 to 48 V AC / 120 V / 130 V)
up to 60 °C, max.	7 A; 7 A (24 to 56.7 V DC); 5 A (24 to 48 V AC / 120 V / 230 V)
Power loss	
Power loss, max.	5 W
Interrupts/diagnostics/status information	
Diagnostic messages	
• Diagnostic functions	Yes
• Diagnostic information readable	Yes
• Fuse blown	Yes
• missing load voltage	Yes
Diagnostics indication LED	
• Rated load voltage PWR (green)	Yes
• Fuse OK FSG (green)	Yes
• Group error SF (red)	Yes
Parameter	
Remark	3 byte
Diagnostics, fuse blown	Disable / enable
Missing load voltage	Disable / enable
Load voltage	DC/AC
Potential separation	

primary/secondary	Yes; between rated load voltage and backplane bus, between power modules
Isolation	
Isolation tested with	1500 V AC
Dimensions	
Width	15 mm
Height	81 mm
Depth	52 mm
Weights	
Weight, approx.	34 g
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