

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
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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
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Interrupts/diagnostics/status information

Diagnostic functions	Yes
Diagnostic messages	
• 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
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Isolation

Isolation tested with	1500 V AC
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Dimensions

Width	15 mm
Height	81 mm
Depth	52 mm

Weights

Weight, approx.	34 g
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last modified: 08/12/2017