

SIMATIC DP, PM-E power modules for ET 200S; 24 V-48 V DC with diagnostics



Supply voltage

Load voltage L+

• Rated value (DC)	24 to 48 V DC
• Short-circuit protection	No; external (e.g. automatic circuit breaker), tripping characteristic B, C
• Reverse polarity protection	Yes

Input current

from load voltage L+ (without load), max.	12 mA
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Current carrying capacity

up to 60 °C, max.	10 A
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Power loss

Power loss, typ.	500 mW
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Interrupts/diagnostics/status information

Diagnostic messages

• missing load voltage	Yes
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Diagnostics indication LED

• Rated load voltage PWR (green)	Yes
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- Group error SF (red)

Yes

Parameter

Remark	3 byte
missing load voltage	Disable / enable

Potential separation

primary/secondary	Yes; between rated load voltage and backplane bus, between power modules
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Isolation

Isolation tested with	500 V DC
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Dimensions

Width	15 mm
Height	81 mm
Depth	52 mm

Weights

Weight, approx.	35 g
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