

6ES7138-4CA00-0AA0

SIMATIC DP, POWER MODULE PM-E

Technical data

SIMATIC DP, POWER MODULE PM-E FOR ET 200S; 24V DC WITH DIAGNOSIS

Supply voltage

external protection for power supply lines (recommendation)	Yes, tripping characteristic C
Load voltage L+	
• Rated value (DC)	24 V
• Short-circuit protection	No; external (e.g. automatic circuit breaker)
• Reverse polarity protection	Yes

Input current

from load voltage L+ (without load), max.	4 mA
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Current carrying capacity

up to 60 °C, max.	10 A
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Power loss

Power loss, typ.	0.1 W
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Interrupts/diagnostics/status information

Diagnostics function	Yes
Diagnoses	
• Diagnostic information readable	Yes
• missing load voltage	Yes
Diagnostics indication LED	
• Rated load voltage PWR (green)	Yes
• 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
last modified:	12/10/2020

Last changes: 12/10/2020