

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



Supply voltage	
Load voltage L+	
<ul style="list-style-type: none"> • Rated value (DC) • Short-circuit protection • Reverse polarity protection 	<p>24 to 48 V DC</p> <p>No; external (e.g. automatic circuit breaker), tripping characteristic B, C</p> <p>Yes</p>
Input current	
from load voltage L+ (without load), max.	12 mA
Current carrying capacity	
up to 60 °C, max.	10 A
Power loss	
Power loss, typ.	500 mW
Interrupts/diagnostics/status information	
Diagnoses	
<ul style="list-style-type: none"> • missing load voltage 	Yes
Diagnostics indication LED	
<ul style="list-style-type: none"> • 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
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last modified: 12/09/2020