

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
---	-------

Current carrying capacity

up to 60 °C, max.	10 A
-------------------	------

Power loss

Power loss, typ.	500 mW
------------------	--------

Interrupts/diagnostics/status information

Diagnoses

• 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
-------------------	--

Isolation

Isolation tested with	500 V DC
-----------------------	----------

Dimensions

Width	15 mm
Height	81 mm
Depth	52 mm

Weights

Weight, approx.	35 g
-----------------	------

last modified: 09/03/2020