

SIMATIC DP,
POWER MODULE PM-E FOR ET200S;
DC 24 - 48V, AC 24 - 230V,
WITH DIAGNOSTICS AND BACKUP

Supply voltage	
Load voltage L+	
Rated values	24 to 56.7 V DC, 24 to 48 V / 120 V / 130 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 1L+ (without load), max.	9 mA
from backplane bus 24 V DC, max.	9.5 mA
Output voltage	
Overvoltage protection	Yes
Current carrying capacity	
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)
Current carrying capacity 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)
Current carrying capacity 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, typ.	5 W
Interrupts/diagnostics/status information	
Diagnostic messages	
Diagnostic functions	Yes
Diagnostic information readable	Yes
Diagnostics	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
Galvanic isolation	
primary/secondary	Yes ; between rated load voltage and backplane bus, between power modules
Isolation	
Isolation tested with	1500 V AC
Dimensions	
Width	15 mm
Height	81 mm
Depth	52 mm
Weights	
Weight, approx.	34 g
Status	Jul 28, 2014