



SIMATIC ET 200SP HA, ET 200SP, Power module Ex-PM E, 24V 0.8A, WxH: 50mm x 117mm, suitable for BaseUnit type W0

General information	
Product type designation	Ex-PM-E
usable BaseUnits	BU type W0
Product function	
• I&M data	Yes; Asset data
Supply voltage	
Rated value (DC)	24 V
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Reverse polarity protection	Yes
Input current	
Current consumption, max.	1.4 A
from load voltage L+ (without load), max.	50 mA
Output voltage	
Rated value (DC)	24 V
Overvoltage protection	Yes
Output current	
horizontal installation	
• up to 60 °C, max.	0.8 A
• up to 70 °C, max.	0.6 A
vertical installation	
• up to 50 °C, max.	0.8 A
• up to 60 °C, max.	0.6 A
Power	
Power consumption from the backplane bus	100 mW
Power loss	
Power loss, typ.	4.8 W
Interrupts/diagnostics/status information	
Diagnostics function	Yes
Diagnoses	
• Diagnostic information readable	Yes
• missing load voltage	Yes
Diagnostics indication LED	
• MAINT LED	Yes; Yellow LED
• Monitoring of the supply voltage (PWR-LED)	Yes; green PWR LED
• for module diagnostics	Yes; green/red DIAG LED
Ex(i) characteristics	
Module for Ex(i) protection	Yes
maximum values for connecting terminals for gas group IIC	

- Um (voltage at non-intrinsically safe connecting terminals), max.

60 V; power supply and backplane bus

Potential separation

primary/secondary

Yes

Isolation

Isolation tested with

further information on insulation can be found in the "ET 200SP HA / ET 200SP modules for devices in hazardous areas" System Manual

Ambient conditions

Ambient temperature during operation

- min.
- max.

-40 °C

70 °C; with derating

Altitude during operation relating to sea level

- Installation altitude above sea level, max.

2 000 m

Dimensions

Width

50 mm

Height

114 mm

Depth

67.5 mm

Weights

Weight, approx.

182 g

Classifications

	Version	Classification
eClass	14	27-23-01-90
eClass	12	27-23-01-90
eClass	9.1	27-23-01-90
eClass	9	27-23-01-90
eClass	8	27-23-01-90
eClass	7.1	27-23-01-90
eClass	6	27-23-01-90
ETIM	10	EC000236
ETIM	9	EC000236
ETIM	8	EC000236
ETIM	7	EC000236

Approvals / Certificates

General Product Approval



[KC](#)



For use in hazardous locations

Maritime application



[Miscellaneous](#)



Maritime application



[NK / Nippon Kaiji Kyokai](#)



[CCS \(China Classification Society\)](#)

Environment



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