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Data sheet 6DL1133-6PX00-0HW0

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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

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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.	-40 °C
● max.	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	16	27-23-01-90
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












General Product Approval	For use in hazardous locations				
Manufacturer Declaration			Miscellaneous		

Maritime application

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ABS

BUREAU VERITAS

DNV

LRS

NK / Nippon Kaiji Kyokai

RINA

Maritime application	Environment
CCS (China Classification Society)	Siemens EcoTech EPD

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