SIEMENS

Data sheet 6ES7148-4CA00-0AA0



SIMATIC DP, power modules for electronic modules ET 200pro PM-E, 24 V DC, incl. bus module, connection module PM-E 6ES7194-4B.00-0AA0 to be ordered separately

Supply voltage	
Load voltage 2L+	
● Rated value (DC)	24 V
● Short-circuit protection	Yes; via an exchangeable fuse in the power module
● Reverse polarity protection	Yes; against destruction
Input current	
from load voltage 2L+, max.	3 mA
Current carrying capacity	
max.	10 A; up to 55 °C (on the internal busbars of the ET 200pro)
Power loss	
Power loss, typ.	0.1 W
Interrupts/diagnostics/status information	
Diagnostics function	Yes
Diagnoses	
● Diagnostic information readable	Yes
● Missing load voltage	Yes
Diagnostics indication LED	
● For load voltage monitoring	Yes
● Group error SF (red)	Yes
Parameter	
Missing load voltage	Potential group of the power module
Potential separation	
between load voltage and backplane bus	Yes
Isolation	
Isolation tested with	707 V DC (type test)
Dimensions	
Width	45 mm
Height	130 mm
Depth	35 mm
Weights	
Weight, approx.	140 g
Classifications	

	Version	Classification
eClass	16	27-24-26-11
eClass	14	27-24-26-11
eClass	12	27-24-26-11
eClass	9.1	27-24-26-11

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eClass	9	27-24-26-11
eClass	8	27-24-26-11
eClass	7.1	27-24-26-11
eClass	6	27-24-26-11
ETIM	10	EC002583
ETIM	9	EC002583
ETIM	8	EC002583
ETIM	7	EC002583
IDEA	4	3575
UNSPSC	15	32-15-17-06

Approvals / Certificates

General Product Approval

Miscellaneous

Manufacturer Declaration









General Product Approval





China RoHS





Maritime application



Maritime application







NK / Nippon Kaiji Kyokai



CCS (China Classification Society)

Maritime application

KR (Korean Register of Shipping)

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