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Data sheet 6ES7297-4AX50-0XA0



SIMATIC S7-1200 G2, BB 1297 Battery Board for long-term buffering of the real-time clock, can be plugged into the signal board slot of the S7-1200 G2 CPU; battery (CR2032) not included in scope of delivery

Input current	
from backplane bus 5 V DC, max.	35 mA
Power loss	
Power loss, typ.	0.2 W
Interrupts/diagnostics/status information	
Diagnostics function	Yes
Diagnostics indication LED	
● for maintenance	Yes; The maintenance LED (MAINT) of the PLC signals that the battery needs to be replaced.
Degree and class of protection	
IP degree of protection	IP20
Standards, approvals, certificates	
CE mark	Yes
CSA approval	No
FM approval	No
RCM (formerly C-TICK)	Yes
Marine approval	No
Ambient conditions	
Free fall	
● Fall height, max.	0.3 m; five times, in product package
Ambient temperature during operation	
● horizontal installation, min.	-20 °C; No condensation
● horizontal installation, max.	60 °C; at max. voltages and max. specification
● vertical installation, min.	-20 °C; No condensation
● vertical installation, max.	50 °C; at max. voltages and max. specification
Ambient temperature during storage/transportation	
● min.	-40 °C
● max.	70 °C
Air pressure acc. to IEC 60068-2-13	
● Operation, min.	540 hPa
● Operation, max.	1 140 hPa
● Storage/transport, min.	540 hPa
● Storage/transport, max.	1 140 hPa
Relative humidity	
● Operation at 25 °C without condensation, max.	95 %
Dimensions	
Width	15 mm
Height	62 mm
Depth	63 mm

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Weights

Weight, approx.	26 g

Classifications

	Version	Classification
eClass	16	27-24-22-92
eClass	14	27-24-22-92
eClass	12	27-24-22-92
eClass	9.1	27-24-22-92
eClass	9	27-24-22-92
eClass	8	27-24-92-90
eClass	7.1	27-24-92-90
eClass	6	27-24-92-90
ETIM	10	EC002584
ETIM	9	EC002584
ETIM	8	EC002584
ETIM	7	EC002584

Approvals / Certificates

General Product Approval

China RoHS

Manufacturer Declaration

EMV	For use in hazardous locations	Maritime application

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