SIEMENS

Data sheet 6ES7297-0AX30-0XA0

SIMATIC S7-1200, Battery Board BB 1297 for long-term buffering of the real time clock, plug-in in the signal board receptacle of the S7-12XX (FW3.0 or higher); Battery (CR1025) not included in scope of delivery

Interrupts/diagnostics/status information	
Alarms	Yes
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	Yes
FM approval	Yes
RCM (formerly C-TICK)	Yes
Marine approval	Yes
Ambient conditions	
Free fall	
● Fall height, max.	0.3 m; five times, in product package
Ambient temperature during operation	
● min.	-20 °C
● max.	60 °C
Ambient temperature during storage/transportation	
● min.	-40 °C
● max.	70 °C
Air pressure acc. to IEC 60068-2-13	
● Operation, min.	795 hPa
● Operation, max.	1 080 hPa
● Storage/transport, min.	660 hPa
● Storage/transport, max.	1 080 hPa
Relative humidity	
● Operation at 25 °C without condensation, max.	95 %
Dimensions	
Width	38 mm
Height	62 mm
Depth	21 mm
Weights	
Weight, approx.	40 g

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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
IDEA	4	3552
UNSPSC	15	32-15-17-03

Approvals / Certificates

General Product Approval

Miscellaneous

Miscellaneous

General Product Approval

For use in hazardous locations

TUEV
China RoHS
Manufacturer Declaration
FM

For use in hazardous locations

CCC-Ex
FM
Miscellaneous

For use in hazardous locations

Test Certificates

Maritime application

CCC-Ex

Type Test Certificates/Test Report

Maritime application

other

Environment

NK / Nippon Kaiji Kyokai

CCS (China Classification Society)
KR (Korean Register of Shipping)
PROFINET

Environment

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