SIEMENS

Data sheet 6ES7297-0AX30-0XA0



SIMATIC S7-1200, BATTERY BOARD BB 1297 FOR LONG-TERM BACKUP OF THE REALTIME CLOCK; PLUGGABLE IN THE SIGNAL BOARD S7-12XX CPU (FW3.0 AND LATER); BATTERY (CR1025) NOT INCLUDED

Interrupts/diagnostics/status information	
Alarms	
• Alarms	Yes
Diagnostic messages	
• Diagnostic functions	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	
Degree of protection acc. to EN 60529	
• IP20	Yes
Standards, approvals, certificates	
CE mark	Yes
CSA approval	Yes
FM approval	Yes
RCM (formerly C-TICK)	Yes
Marine approval	
• Marine approval	Yes

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• Germanischer Lloyd (GL)	Yes
• American Bureau of Shipping (ABS)	Yes
• Bureau Veritas (BV)	Yes
• Det Norske Veritas (DNV)	Yes
• Lloyds Register of Shipping (LRS)	Yes

Ambient conditions	
Free fall	
• Fall height, max.	0.3 m; five times, in dispatch 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	
• permissible range (without condensation) at 25 °C	95 %

Mechanics/material	
Enclosure material (front)	
• Plastic	Yes

Dimensions	
Width	38 mm
Height	62 mm
Depth	21 mm

Weights	
Weight, approx.	40 g

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