



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	
IP20	Yes
Standards, approvals, certificates	
CE mark	Yes
CSA approval	Yes
RCM (former C-TICK)	Yes
FM approval	Yes
Marine approval	
Marine approval	Yes
Marine approval according to American Bureau of Shipping	Yes

Marine approval according to Bureau Veritas	Yes
Marine approval according to Det Norske Veritas	Yes
Marine approval according to Germanischer Lloyd	Yes
Marine approval according to Lloyds Register of Shipping	Yes
Climatic and mechanical conditions for storage and transport	
Climatic conditions for storage and transport	
Free fall	
Drop height, max. (in packaging)	0.3 m ; five times, in dispatch package
Temperature	
Permissible temperature range	-40 °C to +70 °C
Air pressure acc. to IEC 60068-2-13	
Permissible air pressure	1080 to 660 hPa
Relative humidity	
Permissible range (without condensation) at 25 °C	95 %
Mechanical and climatic conditions during operation	
Climatic conditions in operation	
Temperature	
Min.	-20 °C
max.	60 °C
Air pressure acc. to IEC 60068-2-13	
Permissible air pressure	1080 to 795 hPa
Mechanics/material	
Type of housing (front)	
Plastic	Yes
Dimensions	
Width	38 mm
Height	62 mm
Depth	21 mm
Weights	
Weight, approx.	40 g
Status	Jun 6, 2014