



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

General information	
Product type designation	BB 1297
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 %
Mechanics/material	
Enclosure material (front)	
• Plastic	Yes
Dimensions	
Width	38 mm
Height	62 mm
Depth	21 mm
Weights	

Weight, approx.		40 g			
Classifications					
		Version	Classification		
	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	9	EC002584		
	ETIM	8	EC002584		
	ETIM	7	EC002584		
	IDEA	4	3552		
	UNSPSC	15	32-15-17-03		
Approvals / Certificates					
General Product Approval		EMV	For use in hazardous locations		
 EG-Konf.		 UL	 RCM	 RCM	 ATEX
For use in hazardous locations			Marine / Shipping		
 IECEX	FM	 UL	 UL	CCC-Ex	 ABS
Marine / Shipping					
 BUREAU VERITAS	 DNV	 LRS	NK / Nippon Kaiji Ky- okai	 RINA	 RMRS
Marine / Shipping					
CCS (China Classifica- tion Society)					
 KR KOREAN REGISTER					

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