

6ES7297-0AX30-0XA0

Battery Board BB 1297 f. CPU 12xx

Technical data



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.

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

last modified: 3/9/2020

Last changes: 01/19/2021