

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 |
| 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 | 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: | 07/30/2018 |