



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 | Mar 20, 2014 |