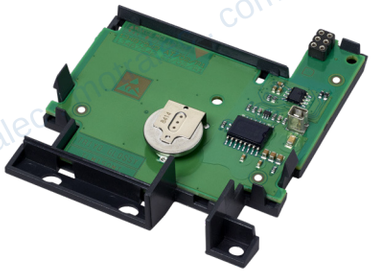
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ENGINEERING TOMORROW

Fact Sheet

VLT® Real-time Clock MCB 117
Advanced data logging by time stamping



The VLT® Real-time Clock MCB 117 option provides advanced data-logging functionality to the following drives:

- **VLT® HVAC Drive FC 102**
- **VLT® Refrigeration Drive FC 103**
- **VLT® AQUA Drive FC 202**
- **VLT® AutomationDrive FC 301/FC 302**

The MCB 117 option allows events to be time and date stamped, providing vast amounts of actionable data. The option keeps the drive updated with daily date and real-time data.

The MCB 117 option reads the time from the AC drive:
- at power up
- at 03:00 daily
- when the user resets the time in the AC drive

VLT® Real-time Clock MCB 117 option contains a back-up battery. The battery life is typically 10 years, depending on the environment. The MCB 117 option provides an early warning when the battery is dead.

The option is easy to mount in the D-slot on the drive's control card.

Real-time stamps
for advanced data logging

Feature	Benefit
Availability of real-time data with reference to run-time data	Preventive and predictive maintenance feature support
Programmable both locally and remotely via option	Easy access via LCP or fieldbus
Advanced data logging using real-time stamps	Help diagnose the failure analysis

Ordering number

Order with code number 134B6544.

Specifications

System integration	
Time keeping accuracy	±5 min pr. year
Programmable time intervals	Programmable month, day, year, and local time zone in MM:SS
Battery life, operating	10 years The back-up battery typically lasts for 10 years, when frequency converter is operating at 40 °C ambient temperature. The battery is not replaceable
Battery life, storage	6 years

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