PL-TB Master Clock/Time Base Module

General description
The Time Base Module PL-TB is microprocessor controlled and is intended for time synchronisation, parameterisation and supervision in a Time Central with multiple modules.

Characteristics
- Integrated real time clock (RTC).
- Fully automatic change-over from summer to winter time and vice versa.
- Calendar.
- Serial bus connection (2-wire) for control of various output/input modules.
- Front mounted DB9-connector for remote control (hard-wired) through PC-Computer.
- Flash for program and parameters stores all data in case of power failure.
- Super capacitor for real time clock function (RTC) during a power failure.
- Hot swap and Plug and Play Functions.

Time and date are displayed in the 2 x 16-character LCD. The display is also used for instructions during programming.

Technical datas:
Art.No.: 123720-00
Microprocessor: Hitachi H8S/2394
Program memory: 1 Megabit (128k x 8) Flash memory
RAM memory: 1 Megabit (128k x 8) SRAM
Data memory: 100 years (Flash memory)
Running reserve, Real Time Clock: 30 days (Back-up Super capacitor)
Display: 2 x 16-characters, alphanumeric LCD, illuminated
Accuracy: +/- 0.1 Sec./24 hours
MTBF: 237,790 hours
Measurements: Width=101 mm. (20TE), Height=128.4 mm, Depth=160 mm.
Weight: 0.3 kgs.