

Chassis Monitor and Control

The Control, Measurement and Data Logging system (CML) is designed to add remote control and monitoring functionality to electronic systems.

An integrated supervision system compares all measured voltages, currents, and temperatures with a minimum & maximum value. If values exceed the supervision thresholds the system can automatically be switched off.

Many industrial standard features are built in, like integrated Web Server, full control via SNMP protocol, 100BASE Ethernet connection and free accessible digital in-/outputs and many more.

Product Table:

Features



CML with PSU
p.n. 1H00004170

Power supply control, programmable trip thresholds (min/max voltage, max current, power, temperature)

Low Profile Shelf manager for CompactPCI®, Serial, VPX, VME chassis in 3U height, system connection provided on a 2 mm high density connector, with internal auxiliary 5V power supply

Fan control: up to 6 fans monitored with programmable fan speed (no PWM signal necessary)

Generation and detection of VME/cPCI RESET and ACFAIL

Temperature measurement: 1-wire-bus for up to 6 digital temperature sensors

PC-Control (connected to galvanic isolated USB or Ethernet) with free available software

Digital Signal Processor (DSP) for real-time processing of all measured data

Digital inputs and outputs, 8 x TTL each

Ethernet connection IEEE 802.3, 10BASE-T, and IEEE 802.3U, 100BASE-TX, embedded web server integrated, full control via SNMP protocol

Order options	Description
1H00004147	CML Shelfmanager with TCP/IP+Dig.-I/O Ind. R7
1H00004161	CML 1H00004147 plus AC input, fuse and main switch
1H00004170	CML 1H00004161 plus 3U/8HP front plate
D575.00373	Auxiliary AC power supply for CML