

Product note

MEGADRIVE-LCI Control Terminal

Empowering operation, control and maintenance

The MEGADRIVE-LCI Control Terminal (LCT) is used for monitoring and controlling the MEGADRIVE-LCI variable speed drives and starters with AC 800PEC control. It is mounted as a door panel on the converter for local control.



Front view of the LCT showing the operation screen

The LCT is a powerful industrial PC with a Human Machine Interface (HMI) that runs independently from the converter's control platform. The LCD touch screen provides the operator with a range of selectable displays showing information on the current status of the system in graphical and numerical form.

The device is supplied with powerful analytical tools that support troubleshooting. For important data, LCT provides long-term recordings and auto-save functions on its internal memory. The information can be displayed or downloaded for further investigation.



Side view of the LCT showing the connection points
Size (WxHxD): 483x355x90 mm, weight: 7.3 kg

Operational features

Independent industrial PC with 15" color touch screen
Password protected access levels
Selectable languages
Windows®XP operating system
Ethernet communication

Settings

Panel configuration

- User language selection
- Password handling
- General settings

Static screen elements

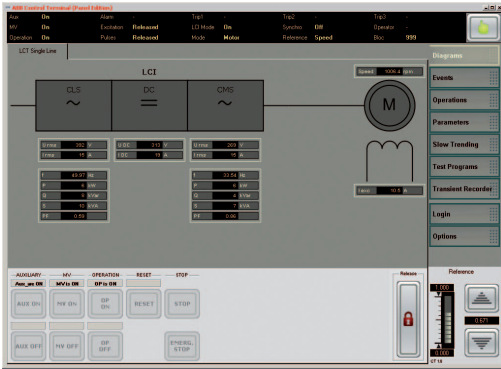
The following information is always visible, independent of the selected screen:

- System status
- Indication of present access level
- Menu bar for screen selection
- Control/indication of actual set-point

Examples of available screens

Diagram (system overview)

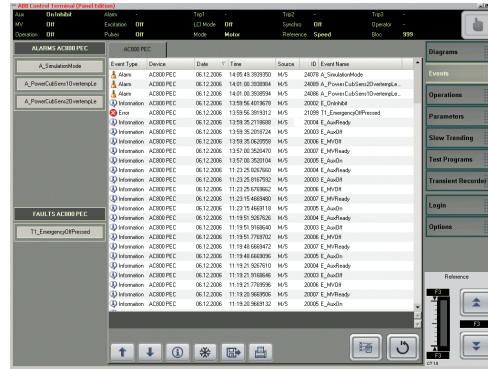
- Easy and quick system overview
- Actual values such as line and motor voltage, current, power, power factor, frequency etc.
- Configurable control buttons



Example of diagram screen

Events

- Display of the last 1000 events, alarm and fault messages
- Print and export function
- Event description with troubleshooting instructions in major languages



Example of events screen

Operation

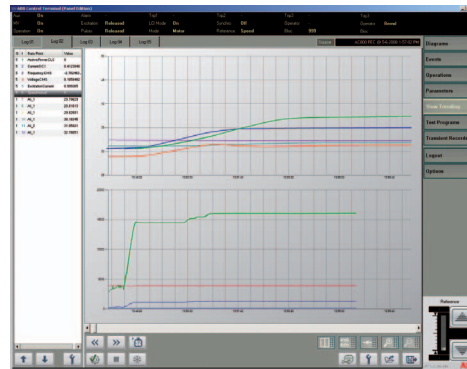
- Six selectable signals displayed as analog instruments
- Configurable control buttons



Example of operation screen

Trending

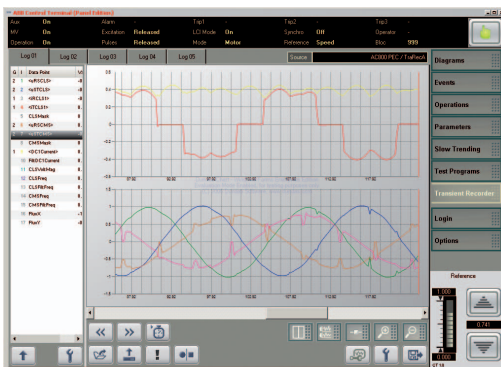
- Trending of selectable signals (100 ms sampling rate) with continuous recording
- Saving and re-loading of trending



Example of trending screen

Transient recorders

- Start and trip recorders register pre-selected signals of every start (10 ms sampling rate) and trip (1 ms sampling rate) automatically or manually



Example of transient recorder screen

Parameters

- Reading and setting of parameters
- Description of major parameters in selected languages
- Parameter export and import function

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