

# General Specifications

## CD-953-B2

ProSafe-SLS™

GS48D53B02-00E-N

ProSafe-COM 10" local display

### ■ GENERAL

ProSafe-COM is a generic term for the functionality that deals with communication between the external world and ProSafe-SLS.

The CD-953-B2 is meant as extension to the ProSafe-COM device and makes it possible for an operator to interact with an operational ProSafe-COM device.



The CD-953-B2 LCD has a graphical display and a touch screen. The CD-953-B2 connects to one of the communication interfaces of the ProSafe-COM device. This can be a RS-232 or RS-485 serial port or an Ethernet TCP/IP connection.

The main function of the LCD is to display the time-stamped (millisecond base) events of the SLS system. The operator can navigate through these events, reread all events, discard old events, start and stop event retrieval using the touch screen buttons.

With the 'Set Clock' button, the operator can adjust the ProSafe-COM device date and time.

The operator can export all events from the buffer (upto 1.000.000 Events) to an USB memory stick. The events are written to the file 'EventLog.CSV' (Comma Separated Value format)

Three indicators at the bottom of the screen are showing the event status, event buffer filled percentage and the date/time from the ProSafe-COM device.

■ Front Panel Layout

ProSafe-COM Display Version 1.01

Date / Time	Tag Name	Tag Description	Status
03/07/2012 13:43:06.603	DI-511_1		1
03/07/2012 13:43:07.154	DI-511_4		1
03/07/2012 13:43:08.817	DI-511_6		1
03/07/2012 13:43:09.636	DI-511_8		1
03/07/2012 13:43:10.707	DI-511_8		0
03/07/2012 13:43:11.653	DI-511_6		0
03/07/2012 13:43:12.388	DI-511_4		0
03/07/2012 13:43:13.198	DI-511_1		0
03/07/2012 13:43:16.090	DI-511_8		1
03/07/2012 13:43:17.183	DI-511_6		1
03/07/2012 13:43:18.249	DI-511_4		1
03/07/2012 13:43:19.563	DI-511_1		1
03/07/2012 13:43:20.421	DI-511_1		0
03/07/2012 13:43:21.128	DI-511_4		0
03/07/2012 13:43:22.191	DI-511_6		0
03/07/2012 13:43:23.058	DI-511_8		0

Currently no new Events present.

03/07/2012 13:43:34      Event buffer 0.00 %      Set Clock

Buttons: Up, Skip Old, Re-Read All, Export All, Down, Stop, Play

## ■ SPECIFICATIONS

	Description	Data
General	Size	280 x 220x 60 mm
	Connectors	power terminal block with wire clamps 2x RS-232 serial port 9p SUB-D male 1x RS-485 serial port 9p SUB-D male 1x Ethernet 2x USB
	Identification	CD-953-B2 barcode sticker on the back
Environmental	Temperature (working)	0 to +55 °C
	Temperature (storage)	-20 to + 60 °C
Input	serial interface	2x RS232 and 1x RS485 1200 to 57600 Baud (depends on ProSafe-COM device)
	Ethernet	1x LAN TCP/IP
Output	Type	10.4" SVGA TFT LCD
	Resolution	800 x 600 Pixels
	Back light	LED back light with up to 50,000 hour life span
Supply		18 - 32VDC
Isolation		not applicable
Dissipation		41 W

For further details, see the data sheet at: [www.advantech.com](http://www.advantech.com)

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Human Machine Interface – Automation  
Panels – 10.4" Display

**NOTES**

With the use of a USB memory stick the 0V power will be connected to the Earth connection through the USB memory stick. To avoid this situation use an isolated power source to power the CD-953-B2.