

PRODUCT SPECIFICATION

LONWORKS ADAPTOR

ELD9500.918 WALL MOUNTED ADJACENT TO EMEX POWER CPS

ELD9500.920 INSTALLED WITHIN EMEX POWER CPS



Note: EMEX Test and PC/Touchscreen is required, available separately.

The LON adaptor interface allows integrators of Open System Networks to provide network connectivity to ABB EMERGI-LITE emergency lighting systems. The unit is housed in an industry-standard M36 DIN rail enclosure and supports both RS22 and 11S4-65 communication options. Simple ASCII string generated by the EMERGI-LITE system over RS232 is made available through the open LonTalk protocol using Standard Network Variable Type SNVT_str_ascii.

Features

Reliable TL16C550 UART with 16 byte FIFO (parallel link to processor)

Echelon FT3160 processor at 10MHz

FT-X1 Free Topology Transceiver

EIA-232 (with RTS/CST) and ELA-485 (2-Wire) communication

Configurable memory map: 48K Flash with 7K RAM or 40K Flash with 15K RAM

Designed against Lon Mark 3.4 application layer guidelines

Specification		
Electrical	Power Supply:	9-24V AC/DC
	Networks:	LonWorks FT/10, EIA232, EIA-485 (2 wire)
	Lonworks Profile:	SNVT_str_ascii: nvoEmergilite (ASCII string describing current event)
Construction	Dimensions (mm):	97 x 82 x 23

This network variable must be connected (bound) to the BMS system using Acknowledge Service only.

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