

LN Series Display

Description

The LN Series Display helps you store and manage the events in a network while providing a point user interface to the system.

The LN Series Display is an extension of the LN Series Scheduler. The device incorporates an integral display and buttons to serve as a local user interface to your LONWORKS® system, and is capable of displaying up to 250 variables from your system.

The LONWORKS-based LN Display can store and manage up to 16 schedules. Similar to all devices in the LN Series, you can set up the Scheduler via an LNS® plug-in, such as LN Builder, to any LNS Network Management software.

Features

- Programmable via LNS Plug-In — Allows programming from any LNS-based tool via plug-ins.
- Schedule Objects — Features four holiday templates per schedule, seven weekday templates per schedule, and network variables that have changeable types and lengths.
- Real-Time Clock — Features a real-time clock and battery backup with a 15-year life span.

Repair Information

If the LN Series Display fails to operate within its specifications, replace the unit. For a replacement, contact the nearest Johnson Controls® representative.



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Selection Chart

LN Series Display

Code Number	Description
LN-DSWSC1-0	LN Series Display, surface mount unit
LN-DSWSC2-0	LN Series Display, flush mount unit

Technical Specifications

LN Series Display		
Product Code	LN-DSWSC1-0, LN-DSWSC2-0	
Power Requirement	Voltage: 24 VAC/DC; ±15%, 50/60 Hz, Class 2 Protection: 500 mA auto-reset fuse Consumption: 8 A	
Environmental	Operating Temperature: 10 to 50°C, (50 to 122°F) Storage Temperature: -20 to 50°C, (-4 to 158°F) Relative Humidity: 0 to 90% noncondensing	
General	Processor: Neuron® 3150™, 8-bit Processor Speed: 10 MHz Memory: 64k Nonvolatile Flash (applications), 64k Nonvolatile Flash (storage) Transceiver: TP/FT-10; 78 Kbps Communication: LonTalk® protocol Status Indicator: Green LEDs on outputs Communication Jack: 1/8 in. (3.5 mm)	
Enclosure	Material: ABS Resin Dimensions: Flush mount unit: 6 x 6 x 1.48 in. (151 x 151 x 38 mm) Surface mount unit: 4.57 x 4.57 x 1.48 in. (116 x 116 x 38 mm) Shipping Weight: 0.88 lb (0.40 kg)	
LCD Display	Type: backlit Definition: 128 x 128 pixels Display area: 2.1 x 2.1 in. (53.34 x 53.34 mm) Screen saver: customizable	
Electromagnetic Compatibility	CE Emission: EN61000-6-3: 2007 Generic standards for residential, commercial, and light-industrial environments. Immunity: EN61000-6-1: 2007; Generic standards for residential, commercial, and light-industrial environments. FCC: This device complies with FCC rules part 15, subpart B, class B	
Compliance	United States	UL Listed, File E107041, CCN PAZX, to UL 916, Energy Management Equipment. FCC Compliant to CFR 47, Part 15, Subpart B, Class B.
	Canada:	UL Listed, File E107041, CCN PAZX7, to CAN/CSA C22.2 No. 205, Signal Equipment. Industry Canada, IECES-003.