

LNL-1200 Series 3

Output Control Module



Overview

Series 3 Lenel® Output Control Module (OCM) communicates directly with the Intelligent System Controller (ISC) by either 2-wire or 4-wire RS-485 communication. Each OCM is an individually-addressed device, and counts as a single device on all Intelligent System Controllers.

The OCM can be operated by either 12 or 24 VDC power. Each OCM includes dedicated tamper and power failure input contacts.

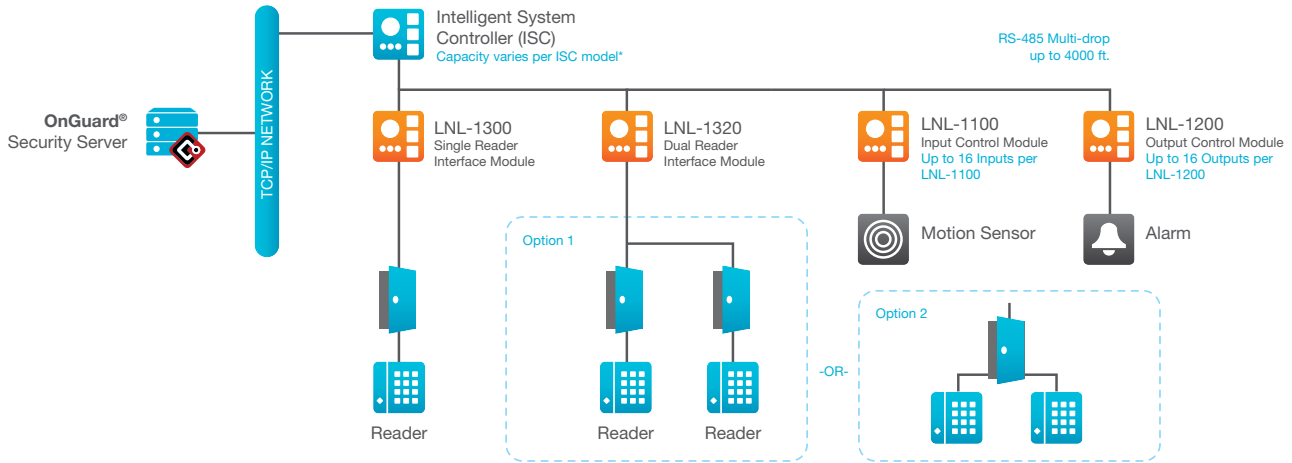
The OCM has 16 programmable output relays that can be configured for fail-safe or fail-secure operation. Each relay supports the "On," "Off," and "Pulse" OnGuard® software commands.

Features & Functionality

- 16 Form-C 5 A, 30 VDC contacts for load switching
- 12 or 24 VDC input power
- 2 dedicated digital inputs for tamper and power failure status
- RS-485 communication, multidropped (2-wire or 4-wire RS-485)
- Up to 16 OCMs per Intelligent System Controller
- On-board termination jumpers
- DIP switch-selectable addressing
- Status LEDs for communication to the host, heartbeat and relay status
- Elevator control, support for 128 floors
- Advanced Encryption Standard (AES) 128-bit or 256-bit encryption supported, depending on ISC and OnGuard version
- Suitable as replacement for Series 1 and Series 2 boards

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System Diagram



* See ISC datasheets for specific capacities.

Power Supplies & Enclosures

LNL-AL400ULX	UL Listed 4A, 110VAC Power Supply – 12VDC 4A output, 115VAC input, continuous supply current with enclosure (15.5" x 12.5" x 4.5"), lock, tamper switch, UPS capable (Battery Optional) UL & CUL Approved
LNL-AL600ULX-4CB6	UL Listed Power Supply – 12VDC 6A output, 115VAC (1.6 amps) input, continuous supply current with enclosure (24" x 18" x 4.5"), lock, tamper switch, power distribution module, UPS capable (Battery Optional) UL & CUL Approved
ABT-12	Battery Kit - 12VDC, 12 AH battery (PS-12120)

Specifications

Primary Power	12 to 24Vdc ±10%, 1100mA maximum 12Vdc @ 850mA nominal, 34.82 BTUs 24Vdc @ 450mA nominal, 36.82 BTUs
Outputs	16 Form-C, 5A @ 30Vdc, resistive
Inputs	2 unsupervised dedicated for cabinet tamper and UPS fault monitoring
Mechanical	Dimension: 6" (152mm)W x 8" (203mm)L x 1" (25.4mm)H Weight: 14 oz. (400g) nominal
Environmental Temperature	Operating: 32°F to 158°F (0°C to +70°C) Storage: -67°F to 185°F (-55°C to +85°C)
Humidity	0% to 95% RHNC
Compliance Approvals	FCC Part 15, CE, RoHS, UL 294, UL 1076, ULC CSA-C22.2, CAN/ULC-S319-05, cUL/ORD-C1076



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