Product data sheet

United Technologies
Climate | Controls | Security

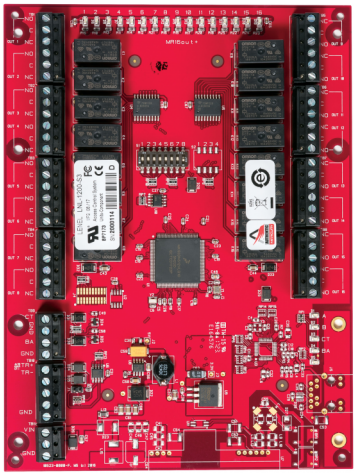
LNL-1200-S3

LNL-1200 Output Control Module Series 3

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.



Details

- 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, multi-dropped (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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Technical specifications

System

Controller type	Input/Output Module
Software compatibility	OnGuard
Controller accessory	LNL-200XA, LNL-400XA, LNL-600XA
Elevator control	Yes
Elevator control max no. of floors	128
PCB only	Yes

Interfaces

Host connection	RS485

Inputs/outputs

Outputs	16 Form-C, 5A @ 30Vdc, resistive
Inputs	2 unsupervised dedicated for cabinet tamper and UPS fault monitoring

Electrical

Operating voltage	12 to 24Vdc ±10%, 1100mA maximum, 12Vdc @ 850mA nominal, 34.82 BTUs, 24Vdc @ 450mA nominal, 36.82 BTUs

Physical

Physical dimensions	152 x 203 x 25 mm
Net weight	400 g

Environmental

Operating temperature	0 to +70°C
Storage temperature	-55 to +85°C
Relative humidity	0 to 95% noncondensing

Standards & regulation

Compliancy	CE, RoHS, UL 1076, UL 294
Standards	FCC Part 15, ULC CSA-C22.2, CAN/ULC-S319-05, cUL/ORD-C1076