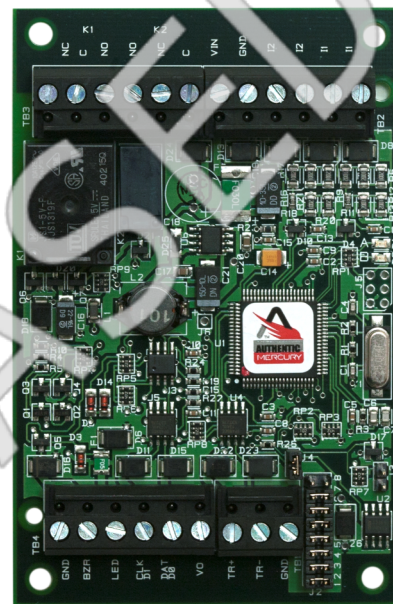# LNL-1300

LNL-1300 Single Reader Interface Module

Overview

Lenel offers a Single Reader Interface (SRI) module for access control solutions. Access control card readers, keypads, or readers with keypads that use standard Wiegand Data1/Data0 or Clock/Data communication are supported, as are those supporting the bidirectional RS-485 Open Supervised Device Protocol (OSDP). Lock, unlock, and facility code offline access modes are supported on all readers connected to the SRI. Each SRI supports up to eight different card formats as well as issue codes for both magnetic and Wiegand card formats.

The SRI provides a vital link between the Intelligent System Controller (ISC) and the card reader attached to the interface. As many as 32 SRI modules can be multidropped using RS-485 2-wire communication up to 4,000 feet (1219 m) per port away from the ISC. Each SRI module is individually addressed for increased reporting capabilities with OnGuard® access control software applications. The SRI includes two inputs that support normally open, normally closed, supervised, and non-supervised circuits. Two output relays support fail-safe or fail-secure operation.

Details

- 12 or 24 VDC power supply
- Supports Data1/Data0, Clock/Data and Lenel OSDP-compatible RS-485 readers and keypads
- Two Form-C relay outputs (5 A door strike and 1 A aux relays)
- Up to 16 different card formats (8 card formats and 8 asset formats)
- Issue code support
- Downloadable firmware
- Door contact open or closed, supervised or non-supervised
- REX push-button monitor - supervised or non-supervised
- Strike control output
- Bi-color or 2-wire reader status LED support
- Reader beeper control
- Plastic mounting channel
- Support for offline reader access mode
- Elevator control, support for 128 floors

LNL-1300
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Technical specifications

System

Controller type	Reader module
Software compatibility	OnGuard
Max. no. of card formats	16
Elevator control	Yes
Elevator control max no. of floors	128
PCB Only	Yes
LCD intrusion keypad	No

Readers / doors

Max. no. of doors	2
Max. no. of readers	2

Interfaces

Reader interface	Clock-data, OSDP, Wiegand
Host connection	RS485

Inputs / outputs

Max. no. of inputs	2
Max. no. of outputs	2

Electrical

Operating voltage	12 or 24 VDC
Power supply type	VDC
Current consumption	125 mA

Physical

Physical dimensions	108 x 74 x 36 mm
Net weight	80 g
Shipping weight	100 g
Colour	Green

Environmental

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

Regulatory

Compliancy	CE, RoHS, UL 1076, UL 294