

LNL-600XA

13.8VDC 8A / 27.6VDC 4A Switched Mode Power Supply (= LNL-600XA-PSU) with LNL-600XA-ENC enclosure (515 x 478 x 146mm) including keys and LNL-600XA-SET for LNL boards and

Product Overview

The new Lenel access control range of switch mode power supplies has been specifically designed to house all common Lenel access control door controllers & modules.

With different power options and enclosure sizes the range provides a solution for up to a 12 Lenel controllers/modules (refer to the manual for all the different combinations). The modular construction simplifies maintenance.

All PSU models offer fault signalling and can charge a 12VDC standby battery to provide backup power on a mains failure. Multi-fused outputs are provided to allow the installer to protect individual circuits as required. All models possess a mains fail relay output while the LNL-200XA and LNL-400XA models also offer additional Battery Monitoring and Deep Discharge Protection to prevent premature battery failure when operating in standby mode for extended periods. The LNL-600XA is provided with a unique hinged cabling system and can provide either 12VDC or 24VDC whilst also offering an independent ancillary relay that can be used for applications such as a 'Fire' door release relay. The relay offers Normally Open or Normally Closed contacts.

The products use energy efficient switch mode technology and therefore have a universal mains supply input (90 - 264VAC).

The range consists of:

LNL-200XA: 13.8VDC 2A with enclosure (refer to the manual for all the different combinations)

LNL-400XA: 13.8VDC 4A with enclosure (refer to the manual for all the different combinations)

LNL-600XA: 13.8VDC 8A / 27.6VDC 4A with enclosure including LNL-600XA-SET (refer to the manual for all the different combinations)

LNL-200XA-ENC: Empty Enclosure for LNL-200XA-PSU

LNL-400XA-ENC: Empty Enclosure for LNL-400XA-PSU

LNL-600XA-ENC: Empty Enclosure for LNL-600XA-PSU

LNL-600XA-SET: 2 Hinged Expansion Plates Sets for LNL600XA-ENC

LNL-200XA-PSU: 13.8VDC 2A PSU Module for LNL-200XA-ENC Enclosure

LNL-400XA-PSU: 13.8VDC 4A PSU Module for LNL-400XA-ENC Enclosure

LNL-600XA-PSU: 13.8VDC 8A / 27.6VDC 4A PSU Module for LNL-600XA-ENC Enclosure

LNL-FUSE-8: 8-way Fused Output Board with LED's for LNL-600XA



Details

- Enclosure (white with Lenel logo)
- PCB standoffs supplied for housing several Lenel controller/modules
- Cost effective switch mode technology
- Front & rear enclosure tamper
- Mains Fail relay output
- Battery Monitoring (LNL-200XA / LNL-400XA)
- Volt-free fault outputs (LNL-200XA / LNL-400XA)
- Deep discharge protection (LNL-200XA / LNL-400XA)
- Independent ancillary relay (LNL-600XA)
- Selectable 13.8V / 27.6VDC output (LNL-600XA)
- Full rated current to load + 0.5A battery charging
- 90 to 264VAC range
- Electronic overload protection
- Mains transient protection
- PSU status LED's (mains present & fault)
- Steel - white powder coated inside and outside enclosure
- Tripple US gang box compatible
- Installer safe design with all high voltage electronics fully shrouded
- With cable guide support (LNL-600XA)
- 3 Year warranty

LNL-600XA

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Technical specifications

System

Controller type	Standard
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Electrical

Operating voltage	13.5 to 14.0 VDC (13.8 VDC nominal) on mains power, 27.0 to 28.0 VDC (27.6 VDC nominal) on mains power
Power supply type	VDC

Physical

Physical dimensions	478 x 515 x 146 mm
Net weight	10.5 kg
Colour	White (RAL 9001)

Environmental

Operating temperature	-10 to +40°C
Storage temperature	-20 to +80°C
Relative humidity	75% noncondensing
IP rating	IP30

Standards & regulation

Compliance	CE, RoHS 2, WEEE
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