LNL-200XA

13.8VDC 2A Switched Mode Power Supply (= LNL-200XA-PSU) with LNL-200XA-ENC enclosure (275 x 330 x 85mm) for LNL boards, including front and pryoff tamper - CE marked

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 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 tampers
- 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
- 3 Year warranty

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Technical specifications

System

Controller type	Standard

Electrical

Operating voltage	12.8 to 14.2 VDC (13.8 VDC nominal) on mains power
Power supply type	VDC

Physical

Physical dimensions	330 x 275 x 80 mm
Net weight	3.3 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

Compliancy	CE, RoHS 2, WEEE

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