

# LSP-CTX4DR

## LSP 4DR PRE-WIRED CTX TIE WRAP, (2) BOARDS - 120 VAC, 4 A / 12 VDC OR 3 A / 24 VDC

### Overview

LifeSafety Power access power management systems offer the highest level of value, performance and installation efficiency. The CTX series are factory wired for LNL-X2220, LNL-X3300, LNL-X4420, LNL-1320-S3 boards, system power, RS485 communication, faults and tamper.

Pre-installed standoffs simplify field installation of the LenelS2 controllers.

Enclosures are painted steel with removable backplate and include lock, two (2) keys and tamper switch.

This LSP-CTX4DR enclosure pre-wired for (1) LNL-X4420, LNL-X2220, LNL-2220 controller and (1) LNL-1320-S3, LNL-1320 Interface on the mains backplate, and includes 1x LSP-E2M, 1x LSP-FPV4.

### Enclosure

The enclosure is a multi-purpose housing and offers maximum flexibility, functionality and savings to access system designers. These enclosures are engineered to house FlexPower® power management boards alongside Mercury Security™ access hardware in one compact, secure UL294 listed system.

To prevent damage to system electronics, the backplate separates from the enclosure for access hardware mounting in the shop while wiring is pulled to the enclosure at the job site. Once configured, the backplate can be remounted for final ties and checkout.

The LSP-E2M backplate is designed with a unique Mercury mounting pattern to provide the installer with a configuration mechanism capable of supporting both standard and PoE sub-assemblies in an extremely efficient manner for maximum door count.

The backplate is removable and mounts controllers and LSP modules in both single and dual voltage configurations. The 120 mm cabinet depth allows for various battery sizes and capacities based on standby time required.



### Details

- 120 / 230 VAC input for global operation
- Built in Fire Alarm disconnect on a per output basis
- Intelligent battery charger - protects battery
- Low power battery cutoff - prevents deep discharge
- Outsmart™ - visual verification of output voltage setting
- Locksafe™ - tight 12 / 24 VDC regulation provides longterm lock protection
- Each distributed output selectable for 12 or 24 V DC
- Network ready with optional Netlink™ module – Monitor ac line, power supply and battery performance – Perform remote servicing, auto-schedule battery load tests
- LSP power modules pre-wired in top area
- Removable door with "fast disconnect" ground strap
- Multiple knockouts all four sides
- Steel enclosure with powdered black finish
- LSP/LenelS2 joint listing CE | UL | FCC
- Lifetime Warranty

# LSP-CTX4DR

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### Technical specifications

#### General

Door support	4
Pre-wired for	1x LNL-X2220 / LNL-X3300 / LNL-X4420 and 1x LNL-1320-S3 power, faults, tamper switch, RS485
Cable guide	Tie-wrapped
Compatible enclosures	LSP-E2M
Locked with keys	Yes (including 2 keys)
Tamper	Yes
Network monitoring	Yes, optional

#### Electrical

Operating voltage	LSP-FPV4
Protected electronics	No

#### Electrical input

Voltage (operating)	120 VAC
Frequency	60 Hz
Max. current	1,8 A
Mains input fuse	Overload and short circuit protection

#### Electrical output

Voltage 12 V mode (on mains power)	4 A
Voltage 24 V mode (on mains power)	3 A
Ripple	120 mV

#### Battery

Battery capacity	fits 2x 7.2 Ah (BS127)
Battery charge	1 A charge rate for sealed lead acid or gel type batteries
Battery charge	Microprocessor dual rate charger with integrated low battery cutoff
Battery charge	1 A charge rate for sealed lead acid or gel type batteries
Battery charge	Charges up to 40 Ah battery sets within UL limit
Battery charge	Automatic switchover to standby battery when AC fails
Battery charge	Zero voltage drop when switched over to battery backup

#### Physical

Physical dimensions	510 H x 410 W x 120 D mm
Net weight	10 kg
Colour	Black powder coat
Material	Sheet steel enclosure
Mounting type	Wall mount

#### Environmental

Operating temperature	-20°C to +50°C
BTU/hr	34 (12 VDC)   41 (24 VDC)

#### Standards & Regulation

Compliance	CE, cUL, FCC, RoHS, UL 294
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#### Supervision

AC Fail	form "C" contacts
System fail	form "C" contacts, may be triggered by: low/no battery, power supply failure, blown fuse

#### LED Visual Indicators

Power Supply Board	AC input (green)
Power Supply Board	DC output (green)
Power Supply Board	Fire Alarm activation (red)

#### Power Distribution

Output 1	Main output (4 A @ 12 VDC or 3 A @ 24 VDC)
Output 2	Aux output (1.5 A class II power limited)

#### Fire Alarm Disconnect Activation

DC voltage	9 to 33 VDC, 3 to 15 mA
Dry contact	NO / NC
Optional	Fire Alarm latching

#### How to order

LSP-CECTX4DR	LSP 4DR PRE-WIRED CTX TIE WRAP, (2) BOARDS - 230 VAC, 4 A / 12 VDC OR 3 A / 24 VDC
LSP-CECTX6DR	LSP 6DR PRE-WIRED CTX TIE WRAP, (3) BOARDS - 230 VAC, 4 A / 12 VDC OR 3 A / 24 VDC
LSP-CECTX12DR	LSP 12DR PRE-WIRED CTX TIE WRAP, (6) BOARDS - 230 VAC, 10 A 12 VDC
LSP-CECTX12DR-24V	LSP 12DR PRE-WIRED CTX TIE WRAP, (6) BOARDS - 230 VAC, 10 A 24 VDC
LSP-CECTX20DR	LSP 20DR PRE-WIRED CTX TIE WRAP, (10) BOARDS - 230 VAC, 10 A 12 VDC
LSP-CECTX20DR-24V	LSP 20DR PRE-WIRED CTX TIE WRAP, (10) BOARDS - 230 VAC, 10 A 24 VDC
LSP-CTX4DR	LSP 4DR PRE-WIRED CTX TIE WRAP, (2) BOARDS - 120 VAC, 4 A / 12 VDC OR 3 A / 24 VDC
LSP-CTX6DR	LSP 6DR PRE-WIRED CTX TIE WRAP, (3) BOARDS - 120 VAC, 4 A / 12 VDC OR 3 A / 24 VDC
LSP-CTX12DR	LSP 12DR PRE-WIRED CTX TIE WRAP, (6) BOARDS - 120 VAC, 10 A 12 VDC
LSP-CTX12DR-24V	LSP 12DR PRE-WIRED CTX TIE WRAP, (6) BOARDS - 120 VAC, 10 A 24 VDC
LSP-CTX20DR	LSP 20DR PRE-WIRED CTX TIE WRAP, (10) BOARDS - 120 VAC, 10 A 12 VDC
LSP-CTX20DR-24V	LSP 20DR PRE-WIRED CTX TIE WRAP, (10) BOARDS - 120 VAC, 10 A 24 VDC

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