

LDX-L30

Dual Voltage Battery Housing

LDX-L30 was designed for housing 2 standard sealed lead acid batteries with user settable voltage to 12 / 24 V without changing the batteries.

LDX-L30 is intended for general use such as in industrial control, communication, and instrumentation equipment.

Key Features & Benefits

- Designed for hosting 2 standard sealed lead acid batteries
12 VDC / 1.2 Ah (Batteries are not included)
- Settable output voltage: 12 / 24 VDC / 2.4 / 1.2 Ah
- Integrated self-resettable overcurrent protection
- DIN Rail installation
- Standard enclosure



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1. MODEL SELECTION

MODEL	VOLTAGE CAPACITY	MAX CHARGING CURRENT	MAX DISCHARGE CURRENT	VOLTAGE / CAPACITY
LDX-L30	12 VDC / 1.2 Ah	12 VDC / 0.6 A 24 VDC / 0.3 A	12 VDC / 5 A 24 VDC / 3 A	12 VDC / 2.4 Ah 24 VDC / 1.2 Ah

2. BATTERY HOUSING SPECIFICATIONS (Batteries are not included)

PARAMETER	DESCRIPTION / CONDITION	SPECIFICATION
Voltage Capacity	2 x Lead acid sealed batteries	12 VDC / 1.2 Ah
Battery Size *	W x H x D	48.5 x 54.5 x 97.5 mm (max.)
Internal Protection Fuse	Self resettable	9 A
Max Charging Current	12 VDC Configuration: 24 VDC Configuration:	0.6 A 0.3 A
Max Discharge Current	12 VDC Configuration: 24 VDC Configuration:	5 A 3 A

* Suggested batteries: Yuasa NP 1.2-12, Panasonic LC-R121R3PG, FIAMM FG 20121 or equivalent.

3. CONFIGURATION

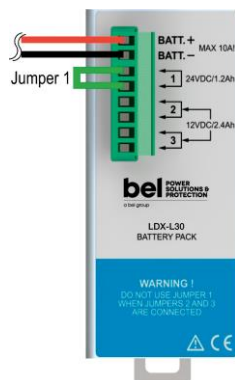
PARAMETER	DESCRIPTION / CONDITION	SPECIFICATION
Voltage / Capacity	Obtainable by external jumper	12 VDC / 2.4 Ah 24 VDC / 1.2 Ah

4. GENERAL SPECIFICATIONS

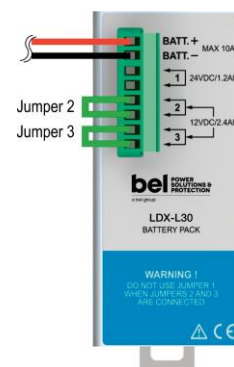
PARAMETER	DESCRIPTION / CONDITION	SPECIFICATION
Operating Temperature	For proper operating temperature check the Battery datasheet for battery limits	-20°C to +40°C
Protection Degree	EN 60529	IP20
Battery Connectors	Screw type pluggable (24 - 12 AWG)	2.5 mm ²
Selection Mode Connectors	Screw type pluggable (24 - 12 AWG)	2.5 mm ²

NOTES:

- Technical parameters are typical, measured in laboratory environment at 25°C.
- For more details, performance and description regarding all parameters not indicated in the above table, refer to user manual.
- Data may change without prior notice in order to improve the product



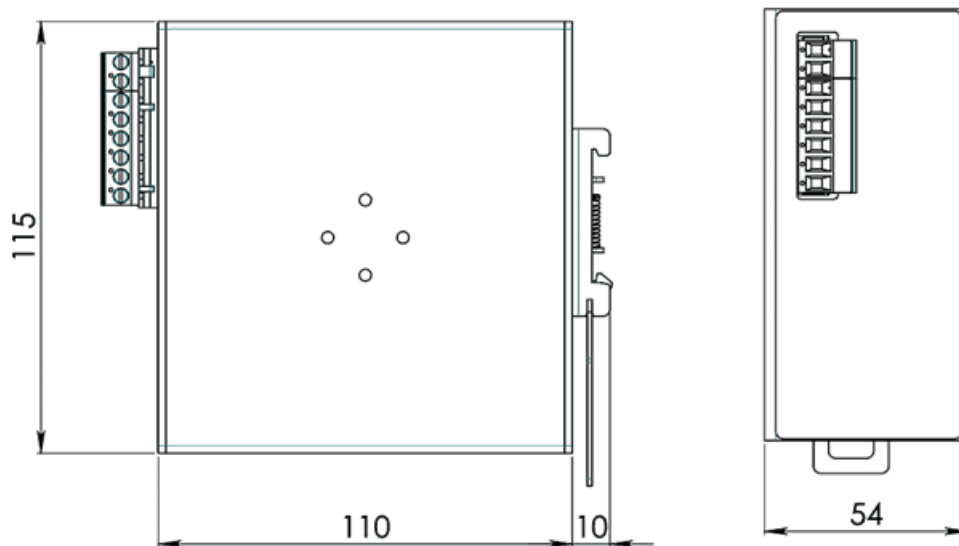
Connect only Jumper 1



Connect Jumper 2 and Jumper 3

5. MECHANICAL SPECIFICATIONS

PARAMETER	DESCRIPTION / CONDITION	SPECIFICATION
Weight	With 2 batteries included	1200 g
Dimensions		54 x 115 x 110 mm
Case Material		Aluminum
Mounting Rail		IEC 60715/H15/TH35-7.5(-15)



6. PIN DESCRIPTION / CONNECTIONS



INPUT / OUTPUT CONNECTION:

- BATT. + = IN/OUT Positive DC to Battery
- BATT. - = IN/OUT Negative DC to Battery
- 24 VDC / 1.2 Ah = Jumper 1
- 12 VDC / 2.4 Ah = Jumper 2 and 3

For more information on these products consult: tech.support@psbel.com

NUCLEAR AND MEDICAL APPLICATIONS - Products are not designed or intended for use as critical components in life support systems, equipment used in hazardous environments, or nuclear control systems.

TECHNICAL REVISIONS - The appearance of products, including safety agency certifications pictured on labels, may change depending on the date manufactured. Specifications are subject to change without notice.



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