

- Single output.
- Low output ripple.
- Output short circuit protection.
- Overload protection.
- Input over voltage protection.
- Inrush current limitation.
- Power on LED indicator.
- High reliability and accuracy.
- Detachable, fast and reliable wire connectors.
- Slim, rail and fast click mounted housing.

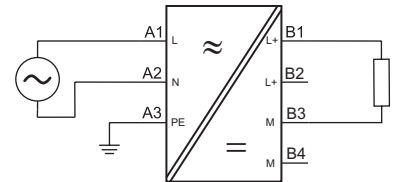
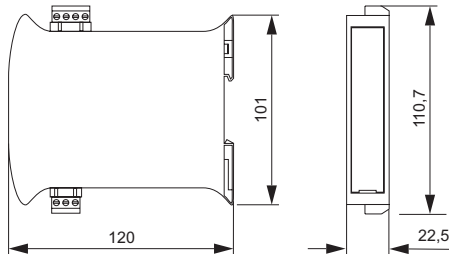


The LXS-XX1 power supply is dedicated to supply devices, which requires single, high quality DC voltage, from the standard 230V AC main.

A device assures output short circuit protection, overload protection, input inrush current limitation as well as overvoltage protection.

Thanks to stability and low ripple, the LXS-XX1 is well suited to supply measurement circuits.

There is possibility to deliver device for non-standard voltages on demand.



Order LXS-XX1 using the following code:

LXS - □□1

Output voltage	Code
24V DC	24
15V DC	15
12V DC	12
On request	SS

Input

- input voltage nominal / range 230V AC, 50Hz / 185...265V AC, 50Hz
- idle power consumption ~ 1W
- inrush current ≤ 10A, 3ms, 230V AC

Output

- output power (Po) ≤ 24W
- output current
 - output voltage 24 VDC ≤ 1A
 - output voltage 15 VDC ≤ 1.6A
 - output voltage 12 VDC ≤ 2A
- load variation influence ≤ 0.2V/A
- ripple ≤ 50mV_{pp}
- short circuit protection continuous

General data

- basic accuracy ≤ 2%
- efficiency ~ 80%
- galvanic separation (test) 0.5kV AC, 50Hz, 1 min
- warm up time 15min

Temperature

- operating temperature (T) 0...70°C
- temperature at full power 0...40°C (see max. power diagram)
- temperature influence ≤ 0.01%/°C

Environment conditions

- storage temperature -20...85°C
- humidity (non-condensing) ≤ 90%
- working position vertical with min. 30 mm distance from other devices

Housing

- material molded PC/ABS
- protection housing/terminals IP20/IP20
- wire connections plugs with screw terminals 1.5mm²
- dimensions see drawings on the first page
- weight ~ 200g

Diagrams