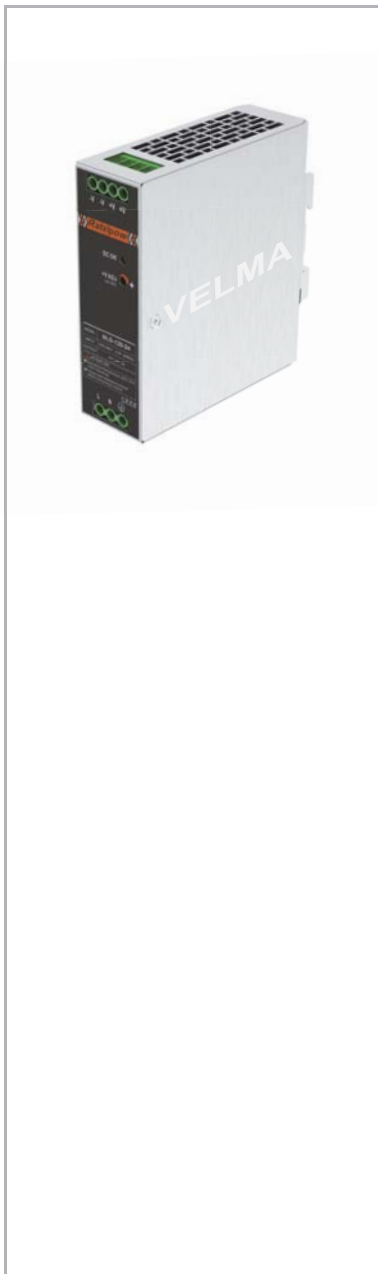


NLD-120-24



Advantage

- Stabilised and adjustable output voltage
- Fast tripping of conventional circuit breakers
- DC OK signalling
- Parallel operation
- Screw terminals
- Robust DIN rail mounting

Applications

Power Compact combines the basic functionality of an economic switched mode power supply with key additional features to ensure high system availability. A powerful and flexible option that's still light and compact. Our real all-rounders, these power supply units are suitable for a highly diverse range of applications in solar, measurement and control technology and they really come into their own in industrial and building automation. The devices cover the average power requirement from 75 W to 960 W. Versions with 12 V, 24 V, and 48 V are available, which allow a range of applications. A version with 3 A rated current is available for a single or three-phase supply from 180 V to 550 V. The output voltage can be set easily using the rotary potentiometer on the front of the housing. The robust DIN rail fastening method and push-in connection terminals enable fast and secure mounting.



Standard

Vibration IEC 60068-2-6

RE/CE EN55032/GB9254 Class B

EMC IEC6100-3-2/GB17625.1 Class A

Type

NLD-120-24



Specification:

Input:

AC voltage range	90 - 264Vac
DC voltage range	127 - 370Vdc
Rate voltage	115Vac 230Vac
Frequency	47 - 63 Hz
PFC	/
Standby power loss	<1W @24Vdc
Efficiency	>89.5% @230Vac full load

Output:

DC rate voltage	24Vdc
DC voltage range	24-28Vdc
Output current	5.0A (5.5A Max)
Load regulation	1%
Ripple & Noise	120mV@25°C
Overshoot voltage	+5%
Output rising time	<100ms
Power-on delay	<3.0s@115Vac <1.5s@230Vac
Hold-up time	>20ms@230V >10ms@115V

Protection:

Maximun over voltage	30 - 35 Vdc
Over-current	105 - 130%
Under-voltage protection	Hiccup mode

Operating environment:

Operating temperature	-20 to 70°C
Storage temperature	-40 to 85°C
Humidity	9 - 95% (non condensing)
Vibration standard	IEC60068-2-6 10-500 Hz 10min

Other:

Weight (Kg)	0.55 Kg.
MTBF	50,000 H

Safety & EMC:

RE/CE	EN55032/GB9254 Class B
Harmonic current	IEC62000-3-2/GB17625.1Class A
IP Protection	IP20
Safety class	With PE Connection

120W Product size: 40 x 125 x 107.8mm

