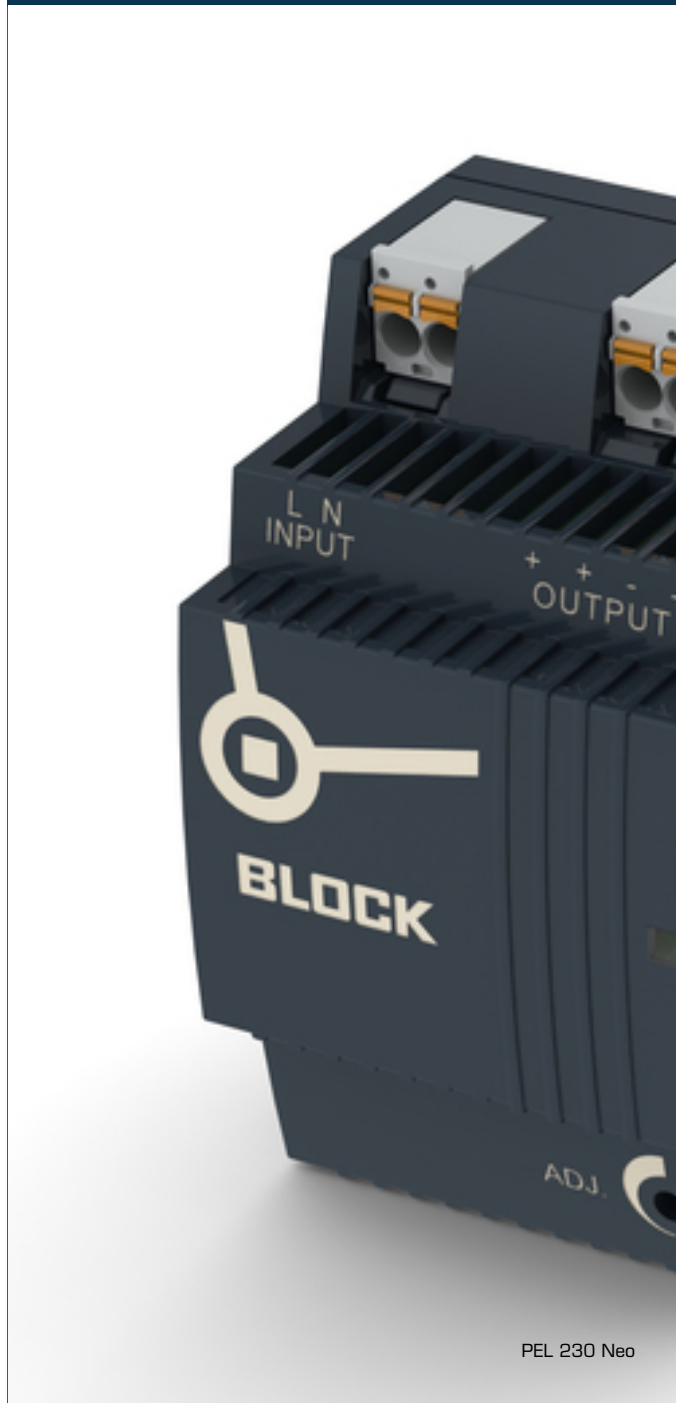


Single-phase, primary switched mode power supply **PEL-0124-025-0**



PEL 230 Neo

Advantages

Stabilised and adjustable output voltage
DC OK signalling via LEDs
Parallel connection option
Push-in terminals
Panel installation on mounting rails

Applications

Primary switched mode power supply is concentrated on the core task of voltage and current supply. Flat step profile optimised for installation in control panels in the building automation.

Standards

Primary switched mode power supply
to UL 60950, UL 508

Safety:
EN 61558-2-16, EN 60950-1

EMC:
EN 61204-3

Approvals



UL/CSA 60950 recognised, UL508 listed, Germanischer Lloyd



Single-phase, primary switched mode power supply

PEL-0124-025-0

Type	PEL-0124-025-0
Electrical data	
Input	
Input rated voltage	100 - 240 Vac
Input voltage range	85 - 264 Vac (120 - 373 Vdc)
Input rated current (rated load)	1.4 / 0.6 A (110 / 230 Vac)
Rated frequency range	44 - 66 Hz / 0 Hz
Starting current limiter	<30 A, NTC
Input fuse internal	2 A (slow-blow)
Recommended back-up fuse (circuit breaker)	6 A, 10 A, 16 A, characteristics B, C
Mains buffering (rated load)	10 / 80 ms
Transient surge voltage protection	Varistor
Output	
Output rated voltage	24 Vdc \pm 2 %
Output voltage range	22.8 - 26.4 Vdc
Output rated current	2.50 A
Resistance to reverse feed max.	30 Vdc
Overload behaviour	Constant current
Ripple factor	typ. 100 mVss
Parallel connection	Yes
Serial operation	Yes
Efficiency	typ. 88 %
Signaling	
Power Good (DC OK)	LED green
Approvals	
Approvals	cURus, cULus, GL
Environment	
Ambient temperature	-25 °C to +55 °C
Storage temperature	-25 °C to +85 °C
Derating	-3 %/K > +45 °C
Current capacity by any mounting position	max. 1.6 A
Safety and protection	
Protection index	IP 20
Safety class	II, (in closed cabinet)
Order numbers	
Order Number	PEL-0124-025-0

Type	PEL-0124-025-0
Mechanical data	
Terminal and mounting	
Terminals input (direct plug-in technology Push-in, pluggable)	max. 2,5 mm ²
Terminals output (direct plug-in technology Push-in, pluggable)	max. 2,5 mm ²
Fixing method	DIN Rail system TH 35
Mounting position	vertical
Measures and weights	
Weight	0.24 kg

