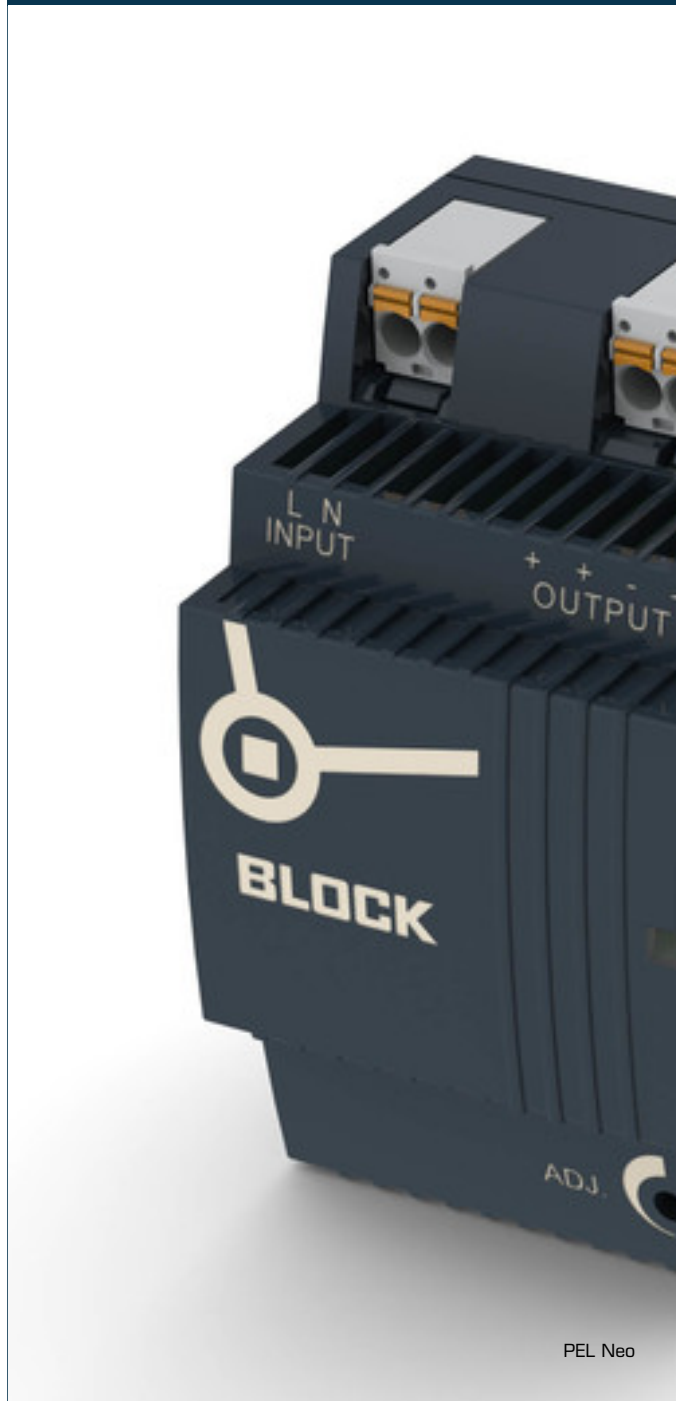


Single-phase, primary switched mode power supply **PEL-0124-040-0**



PEL Neo

Advantages

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

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-0124-040-0

Type		PEL-0124-040-0
Electrical data	Input	
	Input rated voltage	100 - 240 Vac
	Input voltage range	85 - 264 Vac (120 - 373 Vdc)
	Input rated current (rated load)	1.6 / 0.9 A (110 / 230 Vac)
	Rated frequency range	44 - 66 Hz / 0 Hz
	Starting current limiter	<30 A, NTC
	Input fuse internal	4 A
	Recommended back-up fuse (circuit breaker)	6 A, 10 A, 16 A, characteristics B, C
	Mains buffering (rated load)	15 / 100 ms
	Transient surge voltage protection	Varistor
	Output	
	Output rated voltage	24 Vdc
	Output voltage range	22,8 - 26,4 Vdc
	Output rated current	4,00 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. 2.4 A	
Safety and protection		
Protection index	IP 20	
Safety class	II, (in closed cabinet)	
Order numbers		
Order Number	PEL-0124-040-0	

Type		PEL-0124-040-0
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 TS35
	Mounting position	vertical
Measures and weights		
Weight		0.30 kg

