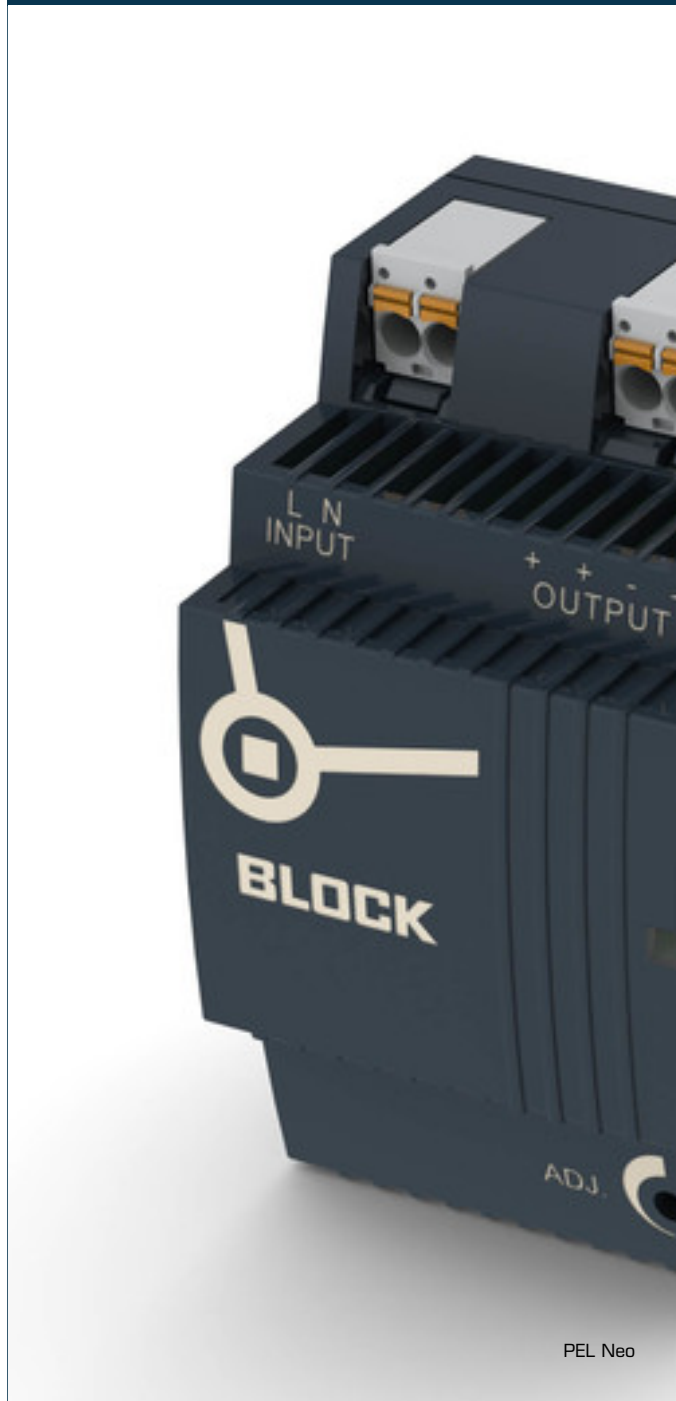


# Single-phase, primary switched mode power supply **PEL-0124-025-0**



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



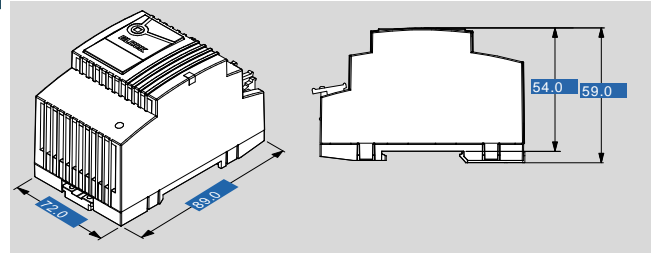
UL/CSA 60950 recognised, UL508 listed, Germanischer Lloyd



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

Type		PEL-0124-025-0
<b>Electrical data</b>	<b>Input</b>	
	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
	<b>Output</b>	
	Output rated voltage	24 Vdc
	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 %
<b>Signaling</b>		
Power Good (DC OK)	LED green	
<b>Approvals</b>		
Approvals	cURus, cULus, GL	
<b>Environment</b>		
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	
<b>Safety and protection</b>		
Protection index	IP 20	
Safety class	II, (in closed cabinet)	
<b>Order numbers</b>		
Order Number	PEL-0124-025-0	

Type		PEL-0124-025-0
<b>Mechanical data</b>	<b>Terminal and mounting</b>	
	Terminals input (direct plug-in technology Push-in, pluggable)	max. 2,5 mm <sup>2</sup>
	Terminals output (direct plug-in technology Push-in, pluggable)	max. 2,5 mm <sup>2</sup>
	Fixing method	DIN rail system TS35
	Mounting position	vertical
	<b>Measures and weights</b>	
	Weight	0.24 kg



Subject to change.