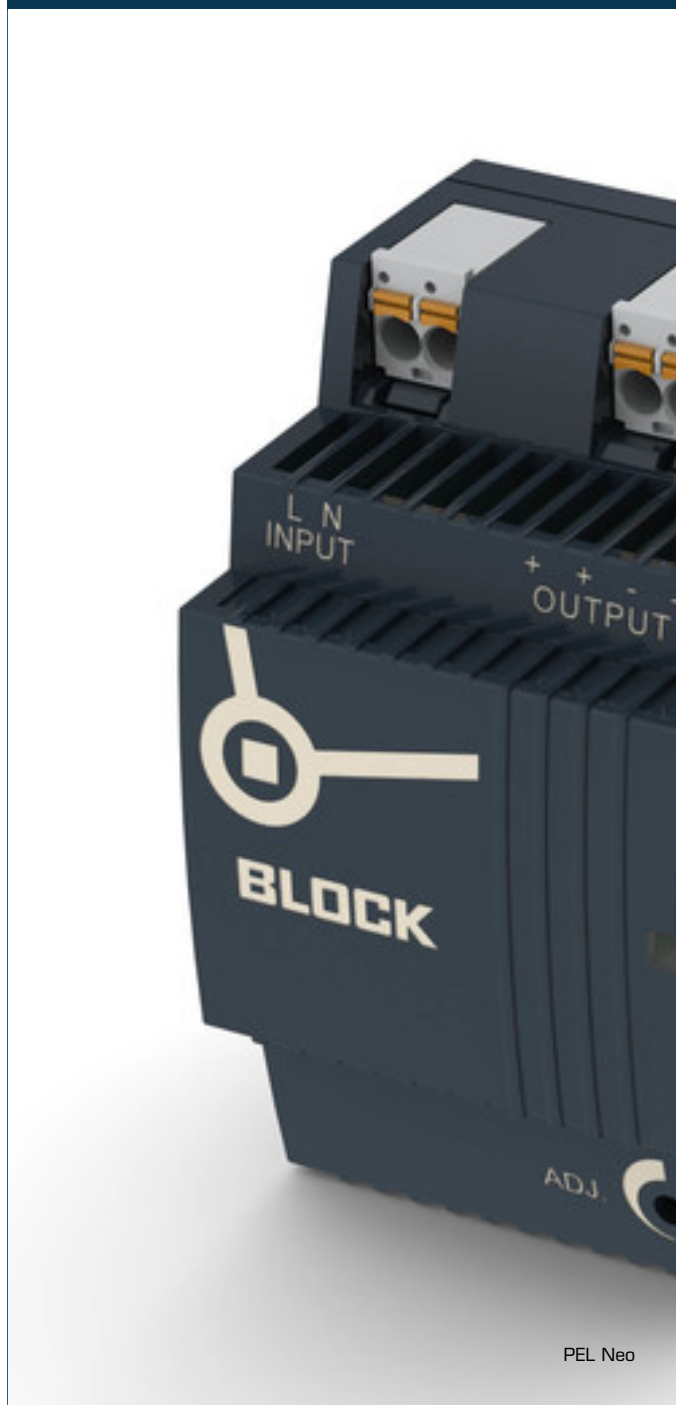


Single-phase, primary switched mode power supply **PEL-0124-025-0**



Advantages

| |
|--|
| Stabilized and adjustable output voltage |
| DC OK indicator |
| 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 optimized 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



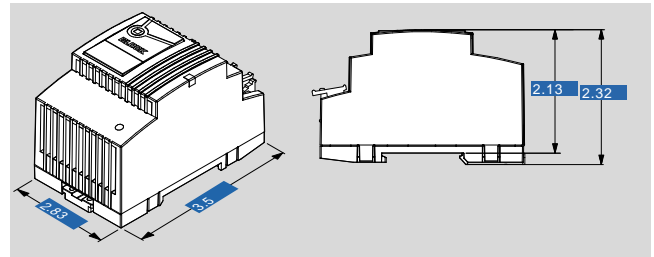
UL/CSA 60950 recognised, UL508 listed, Germanischer Lloyd



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 |
| Output voltage range | 22.8 - 26.4 Vdc |
| Output rated current | 2.5 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 | -13 °F to +131 °F |
| Storage temperature | -13 °F to +185 °F |
| Derating | -3 %/K > +113 °F |
| 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 TS35 |
| Mounting position | vertical |
| Measures and weights | |
| Weight | 0.53 lbs |
| Dimensions in inch | |



Subject to change.