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



Standards

Primary switched mode power supply to UL 60950, UL 508

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

EMC: EN 61204-3

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.





UL/CSA 60950 recognised, UL508 listed, Germanischer Lloyd





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	Туре	PEL-0124-025-0		Туре	PEL-0124-025-0
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•• • +	Input rated voltage	100 - 240 Vac 85 - 264 Vac (120 - 373 Vdc)	Mechanical data	Terminals input (direct plug-in technology Push-in, pluggable)	max. 2,5 mm ²
ata	Input voltage range Input rated current (rated load)	1.4 / 0.6 A (110 / 230 Vac) 44 - 66 Hz / 0 Hz			' max. 2,5 mm²
ald	Rated frequency range Starting current limiter	<30 A, NTC			DIN rail system TS35 vertical
Electrical data	Input fuse internal Recommended back-up fuse (circuit breaker)	2 A (slow-blow) 6 A, 10 A, 16 A, characteristics B, C			0.04 hr
Е	Mains buffering (rated load) Transient surge voltage protection	10 / 80 ms Varistor		Weight	0.24 kg
	Output				
	Output rated voltage Output voltage range	24 Vdc 22.8 - 26.4 Vdc			54.0 59.0
	Output rated current Resistance to reverse feed max.	2.50 A 30 Vdc			
	Overload behaviour	Constant current			
	Ripple factor Parallel connection	typ. 100 mVss Yes			<u> </u>
	Serial operation	Yes			
	Efficiency	typ. 88 %		***	
	Signaling				
	Power Good (DC OK) Approvals	LED green			
	Approvals	cURus, cULus, GL			
	Environment				
	Ambient temperature	-25 °C to +55 °C			
	Storage temperature Derating	-25 °C to +85 °C -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			

