

Single phase, primary switched mode power supply **PEL 230/24-1,3**



Advantages

Stabilised and adjustable output voltage
DC OK signalling via LEDs
Parallel connection option
Service-friendly spring-loaded connector system
Panel installation on mounting rails

Applications

Primary switch 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 61558-2-17, EN 60950 (SELV)

EMC:
EN 61204-3

Approvals



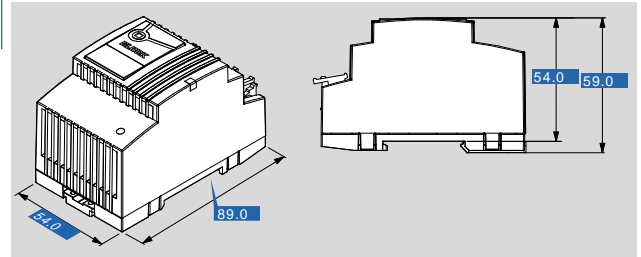
UL/CSA 60950 recognised, UL508 listed, Germanischer Lloyd



Single phase, primary switched mode power supply PEL 230/24-1,3

Type		PEL 230/24-1,3
Electrical data	Input	
	Input rated voltage	100 - 240 Vac
	Input voltage range	85 - 264 Vac (120 - 373 Vdc)
	Input rated current (rated load)	0.7 / 0.4 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	10 / 80 ms
	Output	
	Output rated voltage	24 Vdc ±2 %
	Output voltage range	22.8 - 26.4 Vdc
	Output rated current	1.30 A
	Overload behaviour	Constant current
	Ripple factor	typ. 100 mVss
Parallel connection	Yes	
Serial operation	Yes	
Efficiency	typ. 82 %	
Signalling		
Power Good (DC OK)	LED green	
Feedback voltage max.	30 Vdc	
Standards		
Classification	Primary switched mode power supply	
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. 0.9 A	
Safety and protection		
Protection index	IP 20	
Safety class	II, (in closed cabinet)	
Order numbers		
Order Number	PEL 230/24-1,3	

Type		PEL 230/24-1,3
Mechanical data	Terminal and mounting	
	Connections output, (spring clamp terminal)	max. 2.5 mm ²
	Connections input, (spring clamp terminal)	max. 2.5 mm ²
	Mounting position	vertical
	Fixing method	DIN Rail system TH 35
Measures and weights		
Weight	0.17 kg	



Subjects to change.

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