

# 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



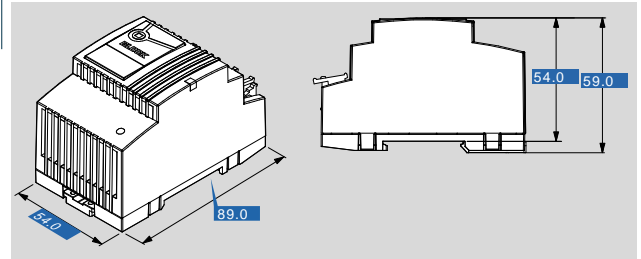
UL/CSA 60950 recognised, UL508 listed, Germanischer Lloyd



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

Type		PEL 230/24-1,3
Electrical data	<b>Input</b>	
	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
	<b>Output</b>	
	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 %	
<b>Signalling</b>		
Power Good (DC OK)	LED green	
Feedback voltage max.	30 Vdc	
<b>Standards</b>		
Classification	Primary switched mode power supply	
<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. 0.9 A	
<b>Safety and protection</b>		
Protection index	IP 20	
Safety class	II, (in closed cabinet)	
<b>Order numbers</b>		
<b>Order Number</b>	<b>PEL 230/24-1,3</b>	

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



Subjects to change.