

# Single-phase, primary switched mode power supply **PCC-0124-100-2**



## Advantages

- Stabilised and adjustable output voltage
- Protection against transient mains overvoltage events
- Protection against shock and vibration

## Applications

## Standards

## Approvals





# Single-phase, primary switched mode power supply

## PCC-0124-100-2

Type	PCC-0124-100-2
<b>Electrical data</b>	
Special features	Power Boost
Characteristics	
Input	
Input rated voltage	100 - 240 Vac
Input voltage range	90 - 264 Vac (90 - 374 Vdc)
Rated frequency range	47 - 63 Hz / 0 Hz
Input rated current (rated load)	2,65 A (100 Vac) / 1,15 A (230 Vac)
Switch-on time	0,7 s (100 Vac) / 0,7 s (240 Vac)
Mains buffering (rated load)	26 ms (100 Vac) / 26 ms (240 Vac)
Power factor	
Input fuse internal	5 A
Recommended back-up fuse (circuit breaker)	10 A, 16 A, 20 A, Charakteristik B,C
Transient surge voltage protection	2 kV L - N / 4 kV (L-N) - PE (IEC 61000-4-5)
Output	
Output rated voltage	24 Vdc
Output voltage range	23 - 28.5 Vdc
Output rated current	10 A
Output limited current	11 A
Parallel connection	
Serial operation	Yes
Power dissipation, no load/rated load	4,24 W (100 Vac) / 3,78 W (240 Vac)
Max. power losses	
Ripple factor	30 mVpp
Resistance to reverse feed max.	35 Vdc
Over-voltage-protection	
Power Boost	15 A / 5 s
Signaling	
Typ. switching threshold for LED and signal output (DC OK)	-
Status indicator	LED green
Signal output	
Environment	
Type of cooling	natural convection
Ambient temperature	-25 °C to +70 °C
Storage temperature	-40 °C to 85 °C
Required minimum spacing (left/right)	0 mm
Required minimum spacing (over/under)	45 mm
Safety and protection	
Protection index	
Safety class	
Order numbers	
<b>Order Number</b>	<b>PCC-0124-100-2</b>

Type	PCC-0124-100-2
<b>Mechanical data</b>	
Terminal and mounting	
Terminals input (direct plug-in technology Push-in)	max 4 mm <sup>2</sup>
Terminals output (direct plug-in technology Push-in)	max 2,5 mm <sup>2</sup>
Measures and weights	
Weight	0.73 kg

Subject to change.