

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
Electrical data	Special features	
	Characteristics	Power Boost
	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	
	Order Number	PCC-0124-100-2

Type		PCC-0124-100-2
Mechanical data	Terminal and mounting	
	Terminals input (direct plug-in technology Push-in)	max 4 mm²
	Terminals output (direct plug-in technology Push-in)	max 2,5 mm²
	Measures and weights	
	Weight	0,73 kg

Subject to change.