

Single-phase, primary switched mode power supply
PCC-0124-050-2



Advantages

- Stabilized 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-0124-050-2

Type	PCC-0124-050-2
Electrical data	
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)	2,1 A (100 Vac) / 1,3 A (240 Vac)
Switch-on time	0,82 s (100 Vac) / 0,76 s (240 Vac)
Mains buffering (rated load)	11 ms (100 Vac) / 70 ms (240 Vac)
Power factor	0,5
Input fuse internal	4 A
Recommended back-up fuse (circuit breaker)	6 A, 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	5 A
Output limited current	5,5 A
Parallel connection	
Serial operation	Yes
Power dissipation, no load/rated load	0,4 W (100 Vac) / 1,0 W (240 Vac)
Max. power losses	
Ripple factor	40 mVpp
Resistance to reverse feed max.	0 Vdc
Over-voltage-protection	max. 41 Vdc
Power Boost	7,5 A / 5 s
Signaling	
Typ. switching threshold for LED and signal output (DC OK)	-
Status indicator	
Signal output	
Environment	
Type of cooling	natural convection
Ambient temperature	-13 °F to +158 °F
Storage temperature	-40 °F to +185 °F
Required minimum spacing (left/right)	0.00 inch
Required minimum spacing (over/under)	1.77 inch
Safety and protection	
Protection index	
Safety class	
Order numbers	
Order Number	PCC-0124-050-2

Type	PCC-0124-050-2
Mechanical data	
Terminal and mounting	
Terminals input (direct plug-in technology Push-in)	max 4 mm ²
Terminals output (direct plug-in technology Push-in)	max 2,5 mm ²
Measures and weights	
Weight	1.04 lbs

Subject to change.