

Advantage

Stabilised and adjustable output voltage
Fast tripping of conventional circuit breakers
DC OK signalling
Parallel operation
Complete all round protection
Robust DIN rail mounting

Applications

Power Compact combines the basic functionality of an economic switched mode power supply with key additional features to ensure high system availability. A powerful and flexible option that's still light and compact. Our real all-rounders, these power supply units are suitable for a highly diverse range of applications in solar, measurement and control technology and they really come into their own in industrial and building automation. The devices cover the average power requirement from 75 W to 960 W. Versions with 12 V, 24 V, and 48 V are available, which allow a range of applications. A version with 3 A rated current is available for a single or three-phase supply from 180 V to 550 V. The output voltage can be set easily using the rotary potentiometer on the front of the housing. The robust DIN rail fastening method and push-in connection terminals enable fast and secure mounting.



Standard

Vibration IEC 60068-2-6

RE/CE EN55032/GB9254 Class B

EMC IEC6100-3-2/GB17625.1 Class A



Type

Output:

DC rate voltage

Output current

Load regulation

Ribble & Noise

Overshoot voltage

Output rising time

Power-on delay

DC voltage range

SLD-240-48



Specification:

Input:	
AC voltage range	90 - 264Vac
DC voltage range	127 - 370Vdc
Rate voltage	115Vac 230Vac
Frequency	47 - 63 Hz
PFC	0.95@230Vac 0.99@115Vac
Standby power loss	<4.0W @24Vdc
Efficiency	>92% @230Vac full load

48Vdc

1.0%

+-5%

<60ms

46-56Vdc

5A (5.5A Max)

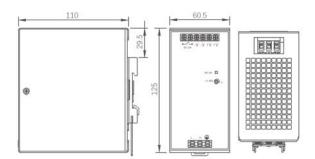
150mV@25'C

<3.0s@230Vac

>20ms@230V >10ms@115V

Other:	
Weight (Kg)	1.0 Kg.
MTBF	50,000 H
Safety & EMC:	
RE/CE	EN55032/GB9254 Class B
Harmonic current	IEC62000-3-2/GB17625.1Class A
IP Protection	IP20
Safety class	With PE Connection

240W Product size: 60.5 x 125 x 110mm



Protection:

Hold-up time

Maximun over voltage <64 Vdc Over-current 110 - 150% Under-voltage protection 80Vac/112Vdc

Operating environment:

Operating temperature	-20 to 70'C
Storage temperature	-40 to 85'C
Humidity	9 - 95% (non condensing)
Vibration standard	IEC60068-2-6 10-500 Hz 10min

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