

Single phase **Switching Power Supplies**

Properties

- High grade DIN rail power supply
- Large input voltage range
- LED indication for power on
- Protected against overvoltage / short circuit
- Protected against overload-current / over Temperature
- Low output ripple
- CE-approved, CUL-listed
- Safety standards: EN 60950, UL 508
- EMC: EN55022 class B,
- Mounting: Din 35mm rails



75W
45701K/...series



120W
45702K/...series



240W
45703K/...series



480W
45704K/...series

Input	75W	120W	240W	480W
Rated voltage range	120-370VDC 85-264VAC	88-132/176-264VAC	120-370VDC 85-264VAC	100-120/200- 240VAC
Inrush current	30A/115VAC; 60A/ 230VAC			Cold start 50A/230VAC
Supply frequency	DC or 47-63Hz	50/60Hz	DC or 50/60Hz	
Efficiency (Typ.)	24VDC: 80%	24VDC: 84%	24VDC: 84%	89%
Output				
Voltage/current				
12VDC model	12VDC/6.3A	12VDC/10.0A	-	-
24VDC model	24VDC/3.2A	24VDC/5.0A	24VDC/10.0A	24VDC/20.0A
48VDC model	48VDC/1.6A	48VDC/2.5A	48VDC/5.0A	-
Initial accuracy	12V +- 2%; 24&48V +- 2%	12V +- 2%; 24&48V +- 2%	24V & 48V +- 1%	+ - 1%
Max. Ripple and noise	12V 100mV; 24V 150mV;	12V 80mV; 24V 80mV;	24V 80mV	120mV peak-peak
DC adjust range	10%			24-28V
Working temp./load	0°C...+50°C / 100%	0°C...+45°C / 100%	0°C...+55°C / 100%	0°C...+50°C / 100%
Set time/hold up time/raise time	1000ms / 50ms / 60ms	500ms / 30ms / 70ms	800ms / 20ms / 40ms	1200ms / 16ms / 40ms
Overvoltage protection at	120-140% of rated output voltage		120-150% of rated output voltage	
Overload-current protection at	Min. 115% of rated current, auto recovery	105-150% of rated current, auto recovery		
General data				
Input / output connection	3-pole, screw terminal / 4-pole screw terminal			
MTBF	123.1K hrs Min.	136.8Khrs min.	105.5Khrs min.	180.9Khrs min.
Wire size of terminal connection	Up to 12AWG			
Input/output isolation (1min.)	3kV			
Input/ground isolation (1 min.)	1.5kV			
Cooling	Conversion cooling			
Size W x H x D	55.5x125.2x104 mm	65.5x125.2x100mm	125.5x125.5x100mm	227x125.2x100mm
Order Numbers				
	75W	120W	240W	480W
12VDC output	P/N: 45701K/12S (6.3 Amps)	P/N: 45702K/12S (10 Amps)	-	-
24VDC output	P/N: 45701K/24S (3.2 Amps)	P/N: 45702K/24S (5.0 Amps)	P/N: 45703K/24S (10.0 Amps)	P/N: 45704K/24S (115) (20.0 Amps)
48VDC output	P/N: 45701K/48S (1.6 Amps)	P/N: 45702K/48S (2.5 Amps)	P/N: 45703K/48S (5.0 Amps)	-