

**Woertz**

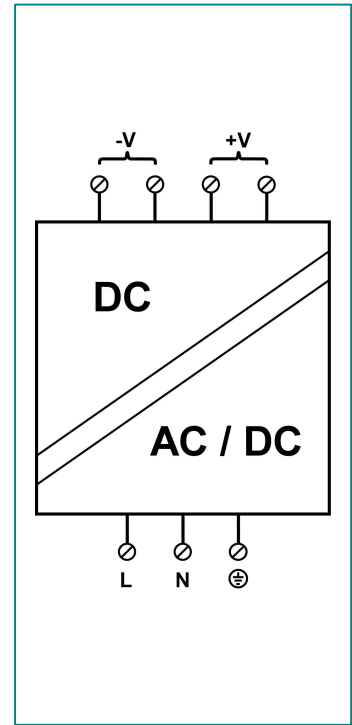
151 Discovery Drive Unit 111  
 Colmar, PA 18915  
 Tel (215) 997-8855  
 Fax (800) 522-3868  
[www.woertz-usa.com](http://www.woertz-usa.com)

**Properties**

- High grade DIN rail power supply
- Large input voltage range
- PFC (Power Factor Correction)
- LED indication for power on
- Protected against overvoltage / short circuit
- Protected against overload-current / over temperature
- Low output ripple
- CE-conform, CUL-listed
- Safety standards: EN 60950, UL 508
- EMC: EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, ENV50204
- Can be mounted on rails to EN60715 TH 35-7.5 or 15

**On request**

- Other output voltage



**Technical data (T<sub>a</sub>=25°C)**

**Input**

Rated voltage range  
 Inrush current  
 Supply frequency

120-370VDC | 85-264VAC  
 30A / 115VAC | 50A / 230VAC  
 DC or 50/60Hz

**Output**

Voltage / current  
 Initial accuracy  
 Max. ripple and noise  
 Efficiency  
 Output adjust range  
 Working temperature / load

24VDC / 10.0A	48VDC / 5.0A
±1%	±1%
80mV	150mV
84%	85%
±10%	±10%
	-10°C...+55°C / 100%
	70°C / 60%

Set time / hold up time / raise time  
 Overvoltage protection at  
 Overload-current protection at  
 PFC (Power Factor Correction)

800ms / 20ms / 40ms  
 120-150% of rated output voltage  
 105-150% of rated current, auto recovery  
 0.98 / 115VAC  
 0.95 / 230VAC

**General data**

Input connection  
 Output connection  
 Rated cross section of connecting terminals  
 Input / output isolation (1min AC)  
 Input / ground isolation (1min AC)  
 Weight  
 Mounting  
 Cooling  
 Size W x H x D

3 poles, screw terminal  
 4 poles, screw terminal  
 4mm<sup>2</sup>  
 3.0 kV  
 1.5 kV  
 1.1kg  
 on DIN rails EN60715 TH35  
 convection cooling  
 125.5 x 125.5 x 100mm

**Order numbers**

Output voltage / current  
 Product number

24VDC / 10.0A  
**45703K/24S**

48VDC / 5.0A  
**45703K/48S**