

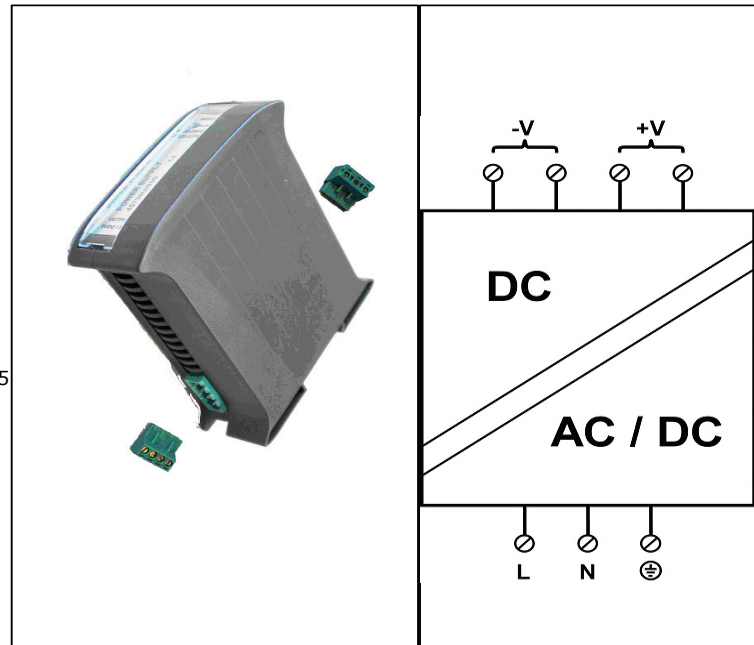
## Switched power supplies 25W

### Properties

- High grade DIN rail power supply
- wide input voltage range
- LED indication for power on
- Protected against overvoltage / short circuit
- Protected against overload-current / over temperature
- Low output ripple
- Fix switching frequency at 100KHz
- Low leakage current < 0.5mA (at 240VAC)
- CE-conform
- Safety standards: EN 60950
- EMC: EN5022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5
- Can be mounted on rails to EN60715 TH35-7.5 or 15

### On request

Other output voltages



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

#### Input

Rated voltage range 120-370VDC | 85-264VAC  
 Inrush current, cold start 20A / 115VAC | 40A / 230VAC  
 Supply frequency DC or 50/60Hz  
 Leakage current less than 0.5mA at 240VAC

#### Output

Voltage / current	5VDC / 5.0A	12VDC / 2.1A	±15V / 0.8A	24VDC / 1.0A	48VDC / 0.5A
Initial accuracy	±2%	±2%	±4% (0.1-0.8A)	±2%	±2%
Max. ripple and noise	80mV	100mV	50mV	240mV	350mV
Efficiency	74%	78%	75%	79%	79%
Over temp protection	U1, T <sub>j</sub> : 135°C, power shutdown				
Working temperature / load	0°C...+45°C / 100%				
	-10°C / 80%				
	+55°C / 60%				
Overvoltage protection at	>115-135% of rated output voltage				
Overload-current limitation at	>105% hiccup mode, auto recovery				

### General data

Input connection 3 pole, pluggable terminal  
 Output connection 4 pole, pluggable terminal  
 Rated cross section of connecting terminals 2.5mm<sup>2</sup>  
 Input / output isolation (1min AC) 3.0 kV  
 Input / ground isolation (1min AC) 1.5 kV  
 Weight 0.25kg  
 Mounting on DIN rails EN60715 TH35  
 Cooling convection cooling  
 Size W x H x D 35 x 112 x 119mm

### Order numbers

Output voltage / current	5VDC / 5.0A	12VDC / 2.1A	±15VDC / 0.8A	24VDC / 1.0A	48VDC / 0.5A
Product number	<b>45738U/05S</b>	<b>45738U/12S</b>	<b>45738U/15D</b>	<b>45738U/24S</b>	<b>45738U/48S</b>