

PWR-4505

25W Single Output Industrial DIN Rail Switching Power Supply



Specifications Typical* at T_A = +25°C

Input Frequency	85 to 264VAC, 120 to 370VDC 47 to 63Hz
Input Current	1.5A/115VAC, 0.75A/230VAC
Inrush Current	Cold start 30A/115VAC, 60A/230VAC
Efficiency	72%
Output Voltage & Current Rating	5V, 5A
Temperature Coefficient	±0.03%/°C
Ripple Voltage	100mVp-p
Overload Protection	105 to 150% rated output power
Over Voltage Protection	5.75 to 6.75V
Over Temperature Protection	135°C detect on heatsink of power transistor
Dielectric Strength	Between input and output terminals: 3kV, 1 minute Between input and FG: 1.5kV, 1 minute Between output and FG: 0.5kV, 1 minute
Insulation Resistance	Between input and output terminals/input and FG/output and FG: 100MΩ/500VDC
Operating Temperature	-10°C to +50°C
Storage Temperature	-20°C to +85°C
Relative Humidity	10 to 95%
Mechanical Dimensions (l)(w)(h)	3.66" x 3.07" x 2.24" (93mm x 78mm x 57mm)
Terminal Screw	M3

Features

- Universal AC Input (85 to 264VAC)
- DC Compatible Input (120 to 370VDC)
- Protections: Short Circuit, Overload, Over Voltage, Over Temperature
- Mounts on DIN Rail TS-35/7.5 & 15
- Approvals: UL, CUL, TUV, CB, CE
- CE Compliant, UL 508 Listed
- TUV EN60950-1 Approved
- Compliant with EMC Directive EN50082-2
- LED Indicator for Power On



NOTES:
*Contact factory or your local Dataforth sales office for maximum values.

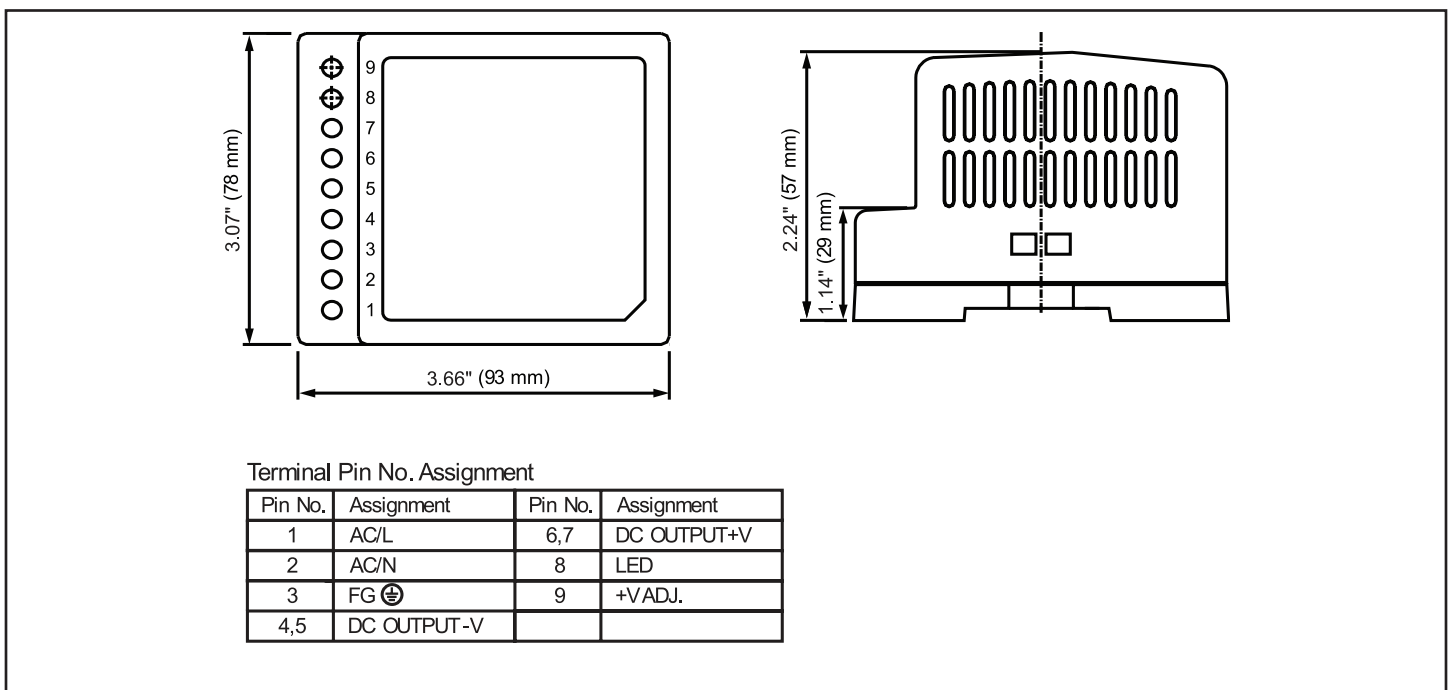


Figure 10: PWR-4505 Physical Dimensions