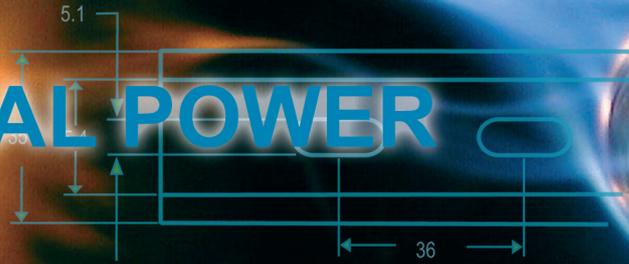


INDUSTRIAL POWER



Features:

- Full Aluminium casing for lightweight and corrosion resistant handling
- Universal AC input
- Overload protection
- Overvoltage protection
- Thermal protection
- MTBF: > 700,000 hrs
- Efficiency > 85% typ.
- Expected lifetime: 10 years
- 2 year warranty
- RoHS compliant



1-phase 35W Panel Mount Power Supply from Delta

The new Panel Mount Power Supply is the latest offering from one of the world's largest leading power supply manufacturers and solution providers – Delta.

The product range offers a nominal output voltage of 24V, a wide temperature range from 0°C to +70°C and a highly dependable minimum holdup time. The state-of-the-art design is made to withstand harsh industrial environments. The rugged, ultra-compact metal case is shock and vibration resistant according to IEC60068-2.

Delta's panel mount power supply offers overvoltage and overload protection. Using a wide input voltage range design, it is usable worldwide. This also includes input DC operating voltage from 100-375Vdc. Its output terminal type and locations are also thoughtfully designed for fast wiring and easy installation.

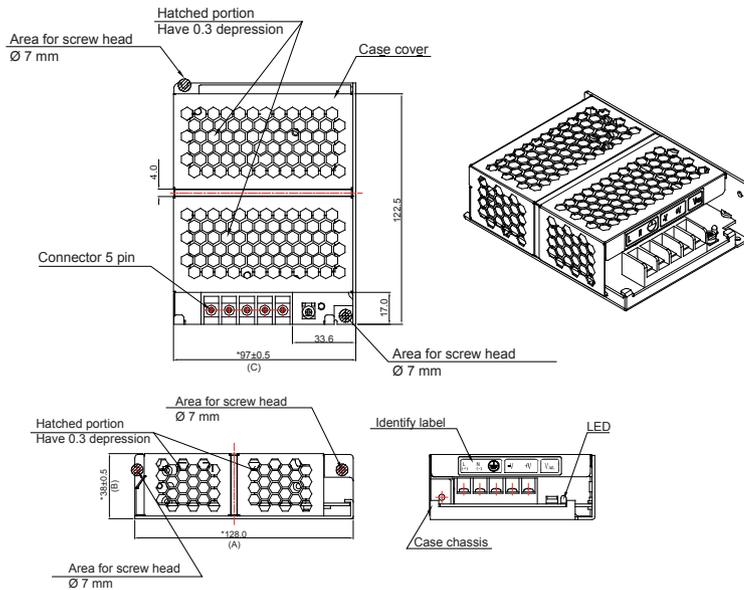
INPUT SPECIFICATIONS	
Operating voltage range	85 - 264Vac; 100 - 375Vdc
Frequency	47 - 63Hz
Max. current	1.0A max. (0.72A max. @ 115Vac, 0.4A max. @ 230Vac)
Inrush current	< 30A @ 115Vac, 60A @ 230Vac
Efficiency	> 85% (typical)
Leakage current	< 1mA @ 240Vac

OUTPUT SPECIFICATIONS	
Power	35W
Voltage	24Vdc
Tolerance	± 2.0%
Current	1.46A (35W max.)
Line regulation	< 0.5% typical (@ 85 to 264Vac input, 100% load)
Load regulation	< 1% typical (with rated input, 0 to 100% load)
PARD	< 150mVpp.
Rise time	< 30ms @ 100% load (25°C)
Start-up time	< 2500ms @ 100% load (25°C) and typical line input
Hold-up time	> 15ms @ 115Vac, > 80ms @ 230 Vac with 35W load (25°C)

INDUSTRIAL POWER



MECHANICAL DRAWINGS



MECHANICAL DESIGN

Dimensions (L x W x H)	128 mm x 97mm x 38mm
MTBF	> 700,000 hrs.
Noise	Sound pressure level (SPL) < 40 dBA
Cooling	Convection
Input / output terminal	Terminal block 7 pin rated 300V/20A
Input / output wire	AWG22-14
Shock test	IEC 60068-2-27
Vibration	IEC 68000-2-26

SAFETY / Approvals

EMC / Emissions	FCC Title 47, Class B / EN55022; CISPR22, Class B
Immunity	EN61000-4-3, 1998; EN61000-4-4, 1995 EN61000-4-5, 1995 IEC61000-4-6 1996; EN61000-4-8; IEC61000-4-12 or IEEE C62.41;
Approvals	UR / cUR recognized to UL60950-1 and CSA C22.2 No. 60950-1; CB test certificate and report to IEC60950-1; CE (EMC and low voltage directive)
	  
Voltage dips	EN61000-4-11
Galvanic isolation	Input to output: 3 kVac; Input to ground: 1.5 kVac; Output to ground: 500 Vac

ENVIRONMENTAL / Protection

Operating temperature	-10°C to +70°C *
Storage temperature	-25°C to +85°C
Humidity operation	< 95% RH non condensing
Overvoltage protection	< 32V, ± 10%, SELV output, non-latching (auto recovery)
Overload protection	> 120% of rated load current, auto recovery (Hicc-up mode)
Overcurrent protection	> 120% of the rated current
Note (*)	* Operation to 70°C possible with a linear derating to half power from 50°C to 70°C

Delta Electronics, Inc. (Taoyuan 1)

31-1, Xingbang Road, Guishan Industrial Zone,
Taoyuan County 33370, Taiwan, R.O.C.
Tel: 886-3-362-6301
Fax: 886-3-362-7267



www.delta.com.tw/industrialautomation