

Features:

- Full power between -0°C & +50°C
- Compact size, Cost optimized
- Wide-range input 150VAC 270VAC

Input specifications

Voltage range 150 - 270V AC

Frequency range 50 / 60Hz

AC current (Typ.) 2.8A @ 150V AC

2.1A @ 230V AC

Efficiency (Typ.) >85% @ 230V AC

Inrush current <60Amps; Measured at 270VAC, 25°C Ambient.

Cold start

Output specifications

Output voltage	24 - 28V DC
Output current	10A
Ripple and Noise*	<1% of Vout
Line and load regulation	±1%
Hold up time	≥5ms at 150VAC & ≥25ms at 230VAC, Full load

^{*} Ripple & Noise measured at 20MHz of bandwidth by using 0.1uF & 10uF parallel capacitor.

4A - 250VAC Internal

Protections Input fused

Output over load	Constant current with auto recovery type up to output >18VDC (Approx), then power supply goes in Hiccup mode; recovers automatically after fault condition is removed.
Output short circuit	Auto recovery type power supply goes in hiccup mode
Output over voltage	31VDC ± 1VDC Protection type: Latched; Input AC power has to be recycled to recover the power supply.

Environment specifications

Operating temperature	0°C to +50°C
Storage temperature	0°C to +85°C
Humidity	<95% RH, Non condensing

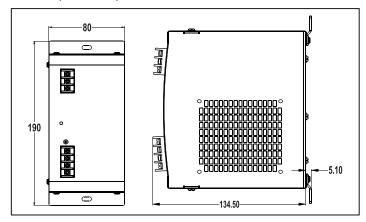
Mechanical specifications

Mounting	Din rail
Dimension	80*190*139.6mm (W*H*D)
Weight	1150 gms

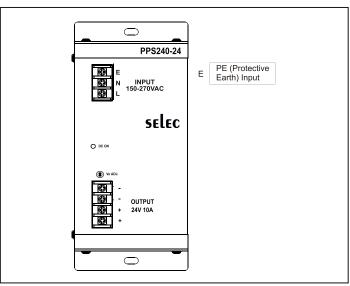
Safety & EMC

Dielectric withstand voltage	I/P to Earth I/P to O/P	: 1500V AC : 2500V AC
	O/P to Earth	: 500V AC

Dimension (All are in mm)



Terminal connections



Ordering information

Product code	Description	Certification
PPS240-24		

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