

**DESCRIPTION**

AC-DC ultra-slim DIN rail power supplies.

Suitable for home and building automation and industrial control applications.

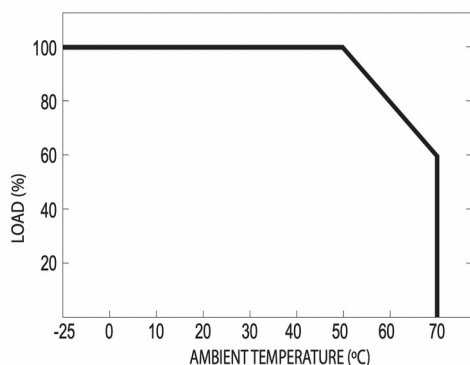


**TECHNICAL SPECIFICATIONS**

		E-PSU1512	E-PSU3012
<b>Output</b>	DC voltage	12 VDC	12 VDC
	Voltage adjust range	10.8 – 13.8 VDC	10.8 – 13.8 VDC
	Rated current	1.25 A	2 A
	Rated power	15 W	24 W
	Ripple and noise (max.)	120 mV p-p	120 mV p-p
<b>Input</b>	Voltage range	85 – 264 VAC	85 – 264 VAC
	Frequency range	47 – 63 Hz	47 – 63 Hz
	AC current (typ.)	0.5 A (115 VAC), 0.25 A (230 VAC)	0.88 A (115 VAC), 0.48 A (230 VAC)
	Efficiency (typ.)	85%	88%
<b>Mechanical</b>	Form factor	DIN rail mountable (TH35)	DIN rail mountable (TH35)
	Dimensions	17.5 x 90 x 54.5 mm (1 module)	35 x 90 x 54.5 mm (2 modules)
	Weight	80 g	146 g
<b>Environment</b>	Working temp.	-30..70°C (refer to derating curve)	
	Storage temp.	-40..85 °C	
	Relative humidity	20..90% non-condensing	
<b>Safety</b>	Protections	Short-circuit, overload and over voltage protections	
	I/P-O/P isolation	Class II, withstand voltage 4K VAC	
	Safety standards	EN IEC 62368-1, EN 61558-1, EN 61558-2-16, UL 508	

Specifications subject to change without notice

**Derating curve**



**IMPORTANT SECURITY ADVICE**

- This device is designed exclusively for use in indoor environments; it should be installed on a 35mm DIN rail inside an electrical distribution box or electrical cabinet.
- Make sure that there is adequate ventilation in the installation location to avoid overheating
- Disconnect mains power during installation
- Once installed, the device should not be accessible from outside
- Do not open the device! Faulty or defective units must be returned to the manufacturer for repair or replacement
- **Only qualified electricians should install, service, or manipulate this equipment.** Existing regulations for the prevention of accidents must be observed, as well as any national or local codes and regulations and standard safety precautions.