



## Product Description

Popular applications:

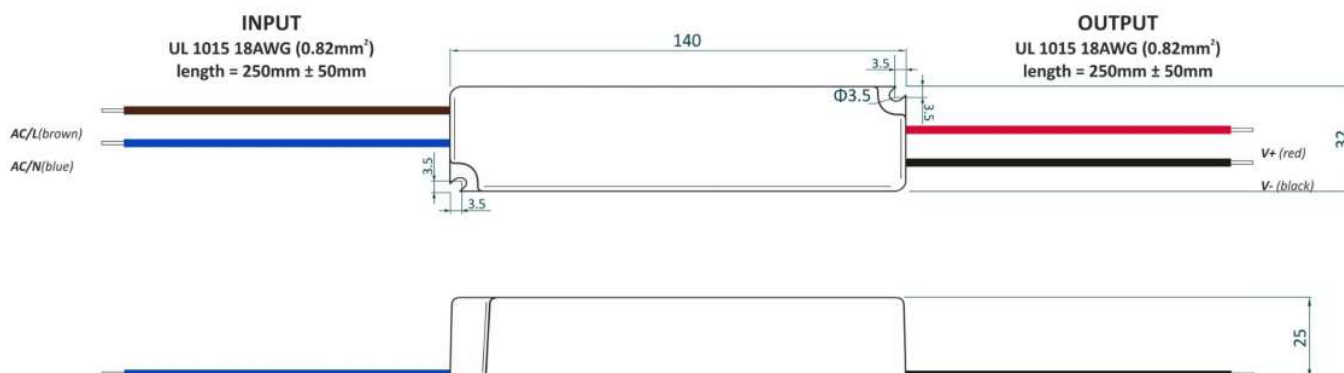
- DC:12V, 24V electronic systems
- 3D signage
- LED strips
- Furniture lighting
- POS systems
- Decorative lighting

## General Specifications

Working temperature	-30°C ÷ 70°C (refer to derating Curve)
Working humidity	20 ÷ 90% RH non-condensing
Storage temp. and humidity	-40°C ÷ 80°C, 10-95% RH non-condensing
Temperature coefficient	+/- 0,03% / °C (0°C ÷ 50°C)
Vibration	10 ÷ 500MHz, 2G, 10min / cycle period for 60min each along X,Y,Z axes

## Mechanical Specifications

Dimensions	140 x 32 x 25mm (L x W x H)
Weight	0,19kg/pcs



**Electrical Specifications**

OUTPUT	
	0122224
Rated voltage	12V
Rated current	2A
Current range	0÷2A
Rated power	24W
Line regulation	+/- 1%
Load regulation	+/- 2%
Tolerance	+/- 3%
Ripple & noise (max)	200mV <sub>p-p</sub>
Setup, rise time	800ms, 250ms/230Vac at full load
Hold up time	30ms / 230Vac
INPUT	
Voltage range	90 ÷ 264Vac
Frequency range	47 ÷ 63Hz
Efficiency (typ.)	82%
AC current (typ.)	0,75A/115Vac
Inrush current (typ.)	15A / 230Vac
Leakage current (max.)	0,25mA / 240Vac

**Protection Category**

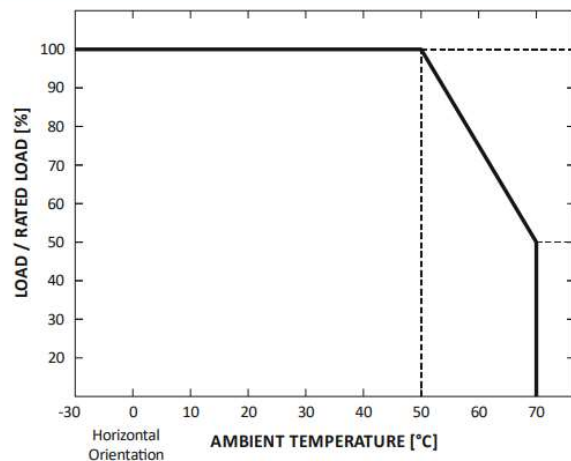
Over current	Range 105 ÷ 150% rated current
	Type: hiccup mode, auto-recovery
Short circuit	Type: hiccup mode, auto-recovery
Over voltage	Max 24Vdc
	Type: shut-off, auto-recovery

## Approvals

Safety standards	Compliance to EN61327-1, EN61347-2-13, IP67
Withstand voltage	I-P/O-P: 3kV ac
Isolation resistance	I-P/O-P: 100M $\Omega$ /500Vdc/25°C/70%
EMC emission	Compliance to EN55015
EMC immunity	Compliance to EN61547; EN55024; EN61000-4-2, -3, -4, -5, -6, -8, -11
Harmonic current	Compliance to EN61000-3-3; EN61000-3-2

## Diagrams

DERATING CURVE



STATIC CHARACTERISTIC

