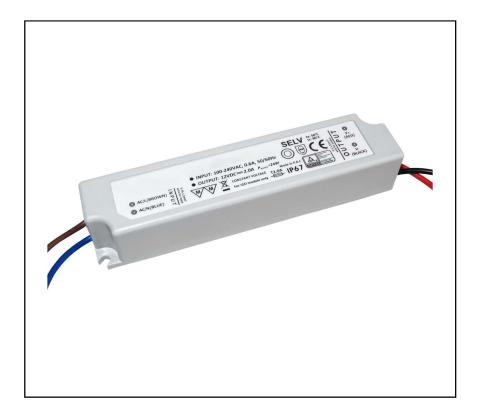


Features

- AC/DC conversion
- Constant voltage
 design
- Full range AC input
- Protections: short circuit / over current / over voltage
- Cooling by free
 convection
- Isolation class II
- Class 2 power unit
- Fully encapsulated with IP67 level [5]

RS PRO LED Drivers

RS Stock No.: 0122224



© [©]C€[™] IP67 selv

RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.





Product Description

Popular applications:

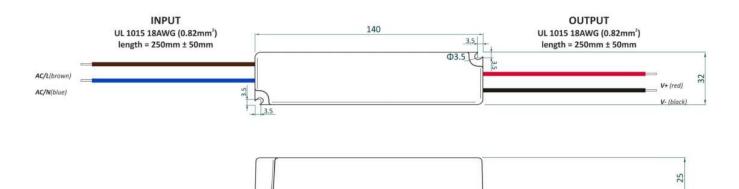
- DC:12V, 24V electronic systems
- 3D signage
- LED strips
- Furniture lighting
- POS systems
- Decorative lighting

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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

Dimmensions	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 _{p-p}
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: 100MΩ/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

