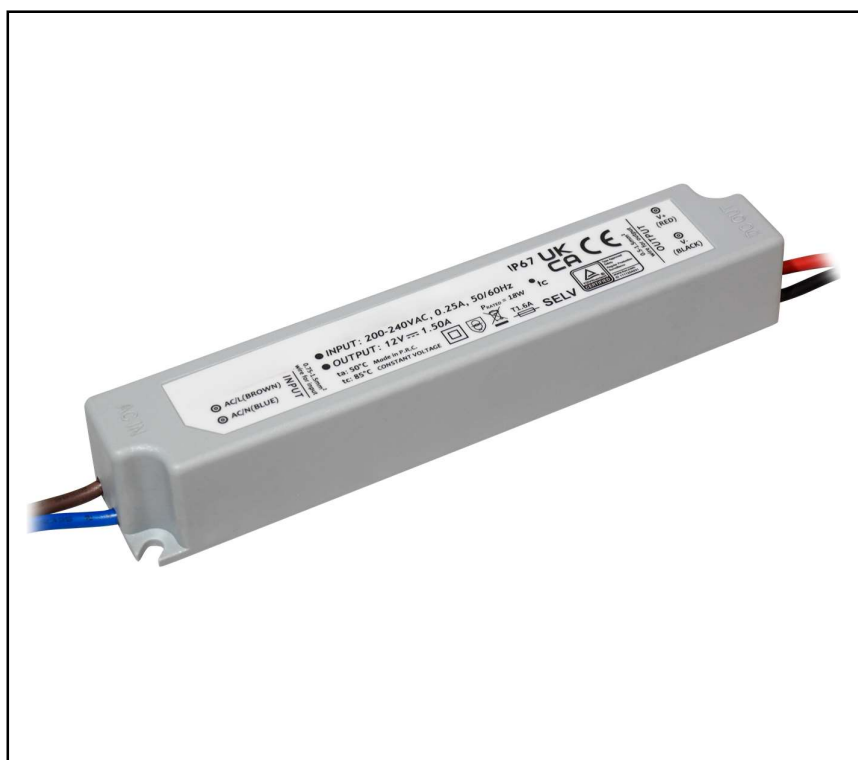


Features

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

RS PRO LED Drivers

RS Stock No.: 0122226 & 0122219



©    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:

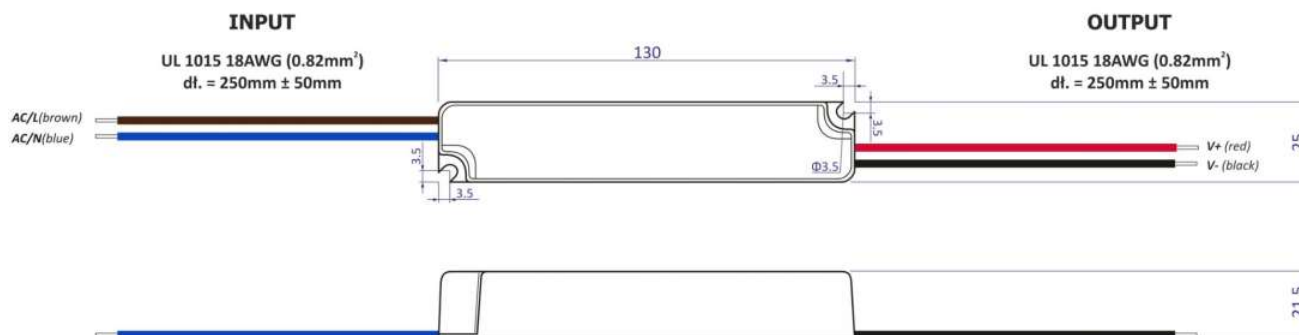
- DC: 12V, 24V electronic systems
- 3D signage
- LED strips
- Furniture lighting
- POS systems
- Decorative lighting

General Specifications

Working temperature	-20°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	130 x 25 x 21,5mm (L x W x H)
Weight	0,15kg/pcs



Electrical Specifications

OUTPUT		
	0122226	0122219
Rated voltage	12V	24V
Rated current	1,5A	0,75A
Current range	0÷1,5A	0÷0,75A
Rated power	18W	
Line regulation	+/- 1%	
Load regulation	+/- 2%	
Tolerance	+/- 3%	
Ripple & noise (max)	200mV _{p-p}	400mV _{p-p}
Setup, rise time	500ms, 25ms/230Vac at full load	
Hold up time	30ms / 230Vac ,	
INPUT		
Voltage range	180 ÷ 264Vac; 253 ÷ 370Vdc	
Frequency range	47 ÷ 63Hz	
Efficiency (typ.)	80%	82%
AC current (typ.)	0,2A / 230Vac	
Inrush current (typ.)	35A / 230Vac	
Leakage current (max.)	0,25mA / 240Vac	

Protection Category

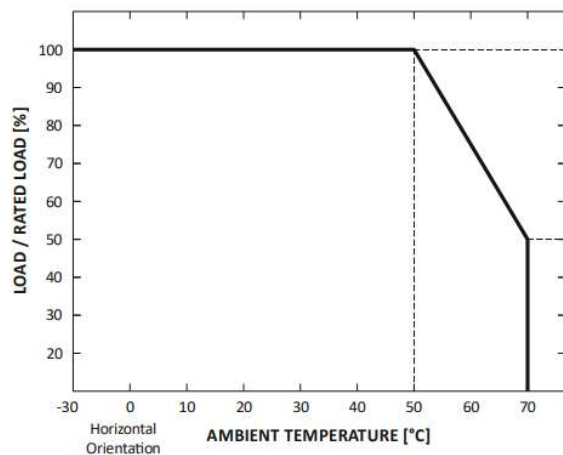
Over current	Range 110 ÷ 150% rated current
	Type: hiccup mode, auto-recovery
Short circuit	Type: hiccup mode, auto-recovery

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 Ω /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

