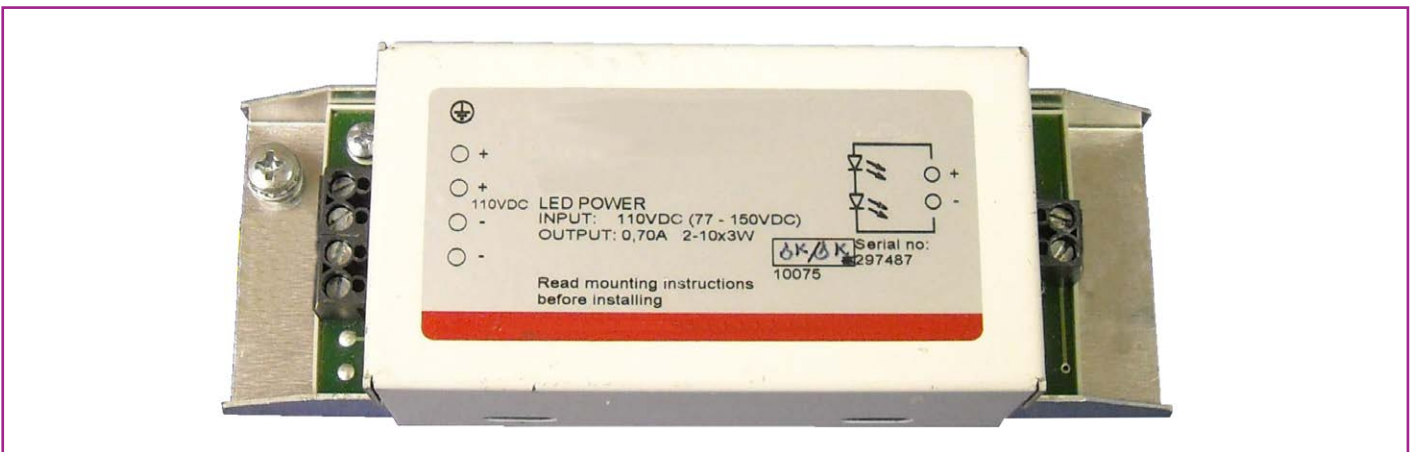


Constant Current Power Supply For Illuminators

eyeTrain is designed to rail group standards, and incorporates the very latest in video, storage and communications technology. The eyeTrain range offers digital (IP) technology matched to the harsh environment of rolling stock applications, providing the highest performance and resilience on the market.



Specifications

General

Type	Constant Current Power Supply Unit for Rolling Stock Applications
Manufacturer	Petards
Part Number	IPS-ST-397
Dimensions	50 mm (W) x 32 mm (H) x 140 mm (L)
Weight	0.16 kg



Specifications

Specification

Input Voltage	110 V DC (67 V – 150 V)
Input Current	230 mA
Output Voltage	38 V Max
Output Current	700 mA Constant
Efficiency	>83 %

Environmental

Temperature Range	-25°C to +55°C (Operational T1)
Ingress Protection	IP 40

Standards Compliance

Shock & Vibration	EN50155:2007, 12.2.11 EN61373:2010
Ingress Protection	EN60529:1992
Cooling	EN50155:2007, 12.2.3 EN60068-2-1:2007 Test Ad
Dry Heat	EN50155:2007, 12.2.4, EN60068-2-2:2007 Test Bd
Insulation	EN50155:2007, 12.2.9.1
Voltage Withstand	EN50155:2007, 12.2.9.2
Variation of Voltage Supply	EN50155:2007, 12.2.2.a
Supply Over-voltage	EN50155:2007, 12.2.6
Supply Interruption	EN50155:2007 12.2.2.b
Earth Bonding	EN50155:2007
Reverse Polarity	EN50155:2007
Conducted Emissions	EN50155:2007 12.2.8.2 EN50121-3-2:2015 EN55011:2009 +A1:2010
Radiated Emissions	EN50155:2007 12.2.8.2 EN50121-3-2:2015 EN55011:2009 +A1:2010
Radiated Susceptibility	EN50155:2007, 12.2.8.1 EN50121-3-2:2015 EN61000-4-3:2006 +A1:2010
Conducted Susceptibility	EN50155:2007, 12.2.8.1, EN50121-3-2:2015 EN61000-4-6:2009
Fast Transient Burst Sus.	EN50155:2007, 12.2.7.3, EN 50121-3-2:2015 EN61000-4-4:2004 A1:2010
Electrostatic Discharge	EN50155:2007, 12.2.7.2, EN50121-3-2:2015 EN61000-4-2:2009
Surges	EN50155:2007, 12.2.7.1, EN 50121-3-2:2015 EN 61000-4-5:2006