



Datasheet

ENGLISH

RS Pro Embedded Linear Power Supply Encapsulated

Stock No: 774-8213



Key Features:

- Fit into UK Type Service Box
- Maximum 12W Output Power
- Universal AC Input (AC100 – 240V)
- Cooling by Natural Air Convection
- Fully Input and Output Protections
- Safety Double Isolation
- LED Indicator For Normal DC Output

PRODUCT SPECIFICATIONS

RS Stock Number	7748213	7748217
INPUT		
Rated Voltage (VAC)	100 – 240	
Voltage Range (VAC)	90 – 264	
Rated Frequency (Hz)	50 / 60	
Frequency Range (Hz)	47 – 63	
Current (A)	≤ 0.35	
No Load Power Consumption (W)	≤ 0.3	
Energy Efficiency (%)	≥ 75 at full load	≥ 80 at full load

OUTPUT			
Rated Voltage (VDC)	5.0	12.0	24.0
Voltage Range (VDC)	4.9 – 5.3	12.0 – 12.6	24.0 – 24.8
Rated Current (A)	2.4	1.0	0.5
Current Range (A)	0 – 2.4	0 – 1.0	0 – 0.5
Rated Power (W)	12.0 Max.		
Ripple and Noise (mVp-p) See Note 2.	80 Max.	100 Max.	120 Max.
Rise Time (ms)	≤ 80 at full load		
Hold Up Time (ms)	≥ 50 at full load		

PROTECTIONS			
AC Input	Current fuse protection		
Output Short-Circuit	Hiccup mode occur and auto-recover without damage when fault conditions are removed.		
Output Over Voltage (V)	5.75 – 7.50	15.0 – 18.0	28.5 – 33.0
Output Over Current (A)	2.5 – 3.9	1.1 – 1.6	0.6 – 1.0
Over Temperature (°C)	95 ± 5		

ENVIRONMENT SPECIFICATIONS	
Operating Temperature Range (°C)	-20 ~ +50
Operating Humidity (%)	5 ~ 90 RH
Storage Temperature (°C) / Humidity (%)	-25 ~ +70 / 5 ~ 90 RH

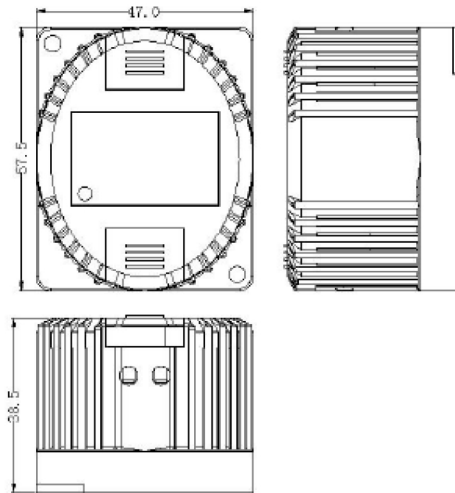
SAFETY	
Safety Standard	Compliance to CE/LVD
Withstand Voltage	Input to Output : 3KVAC
Isolation Resistance	Input to Output: >20MΩ/500VDC at 25°C/70%RH

EMC See Note 3.	
Emission	Compliance to EN55022 Class B
Immunity	Compliance to EN55024, EN61000-4-2,3,4,5,6,8,11

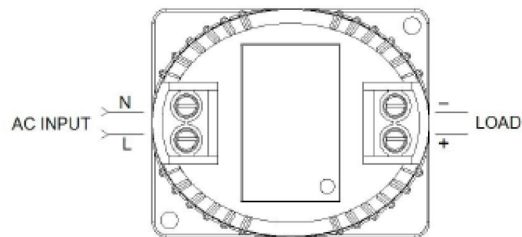
LED INDICATOR	
DC	Lit when the DC output normal

OTHERS	
Dimensions (mm)	47(W) × 57(L) × 38 (H)
Weight (kg)	0.1 approx.

Outline Dimensions (mm):



Connection:



System Block Diagram:

