

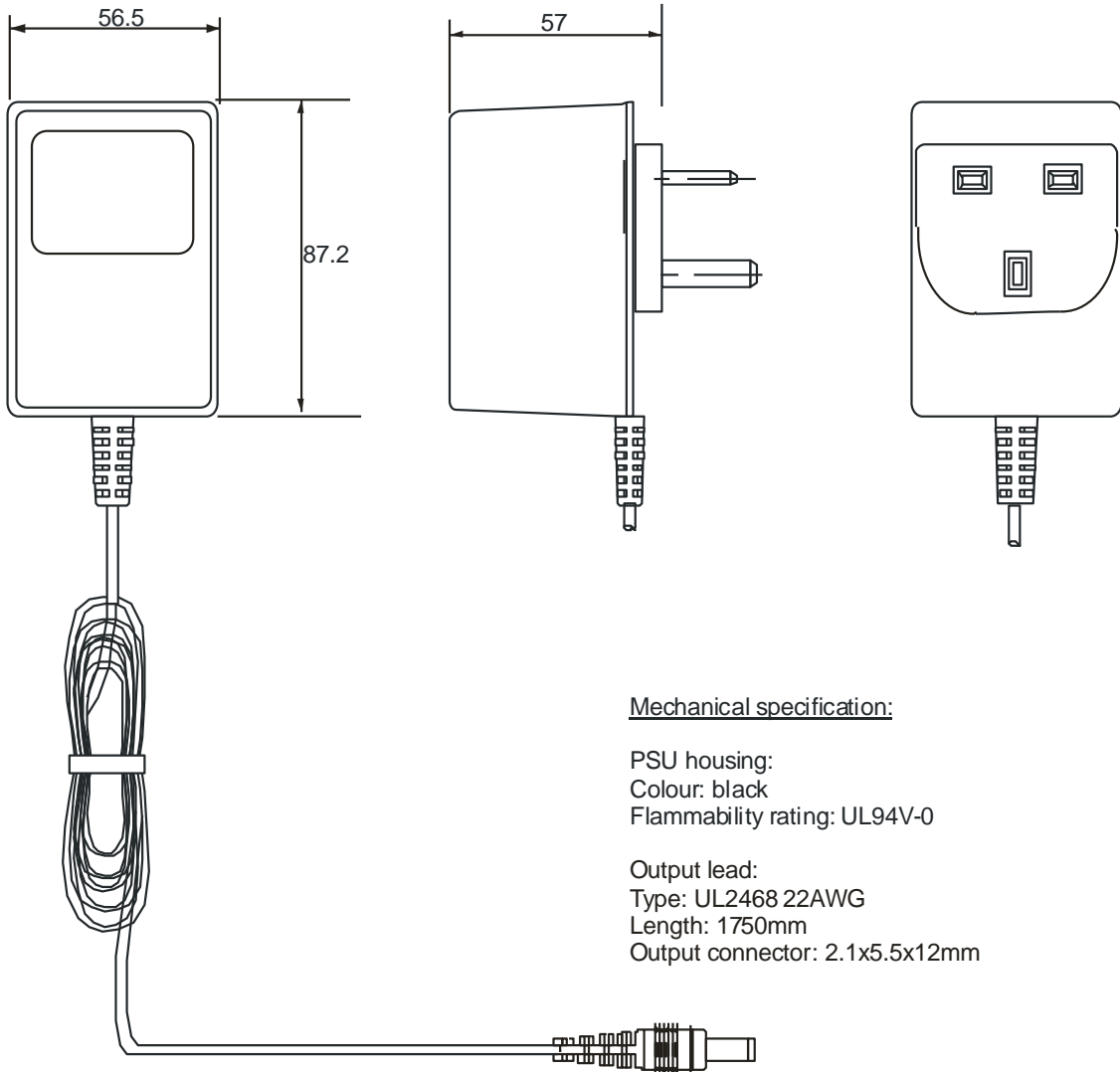


Datasheet

RS PRO 20VA UK Linear AC-AC adaptor

Stock number: 139-1775

EN



Mechanical specification:

PSU housing:
Colour: black
Flammability rating: UL94V-0

Output lead:
Type: UL2468 22AWG
Length: 1750mm
Output connector: 2.1x5.5x12mm



Safety specification:

Primary circuit protected by 125°C, 2A single shot thermal fuse
Case temperature: 65°C maximum at full load in an ambient of 25°C +/-3°C
MTBF: 50,000 hours (25°C)
Insulation class system: B (130°C)
Operating temperature range: -20°C to +40°C
Storage temperature range: -20°C to +85°C
Operating humidity range: 30% - 85% R.H.

Adaptor meets the following safety approvals:

IEC/EN61558
EN55022:2010+AC:2011(IT)
EN55024:2010 (IT&AV)
IEC61000-4-2/ESD
IEC61000-4-3
IEC61000-4-4/EFT
IEC61000-4-5/SURGE
IEC61000-4-6/CS

Electrical specification @ 230V, 50Hz:

Input: 230/240V, 50/60Hz
Maximum no load primary current: 55mA
Input current at full load: 130mA maximum
Output voltage (+/-5%)
Open circuit: 14.5V
Full load: 12.0V
Maximum output current: 1600mA

Hi-pot, primary to secondary: 3.75kVRMS for 60 seconds
Leakage current: 0.25mA max. @ 264VAC, 50Hz
Insulation breakdown, primary to secondary @ 500VDC: 100M ohms
Induced voltage: primary will withstand 440VAC, 400Hz for 15 seconds (secondary disconnected)