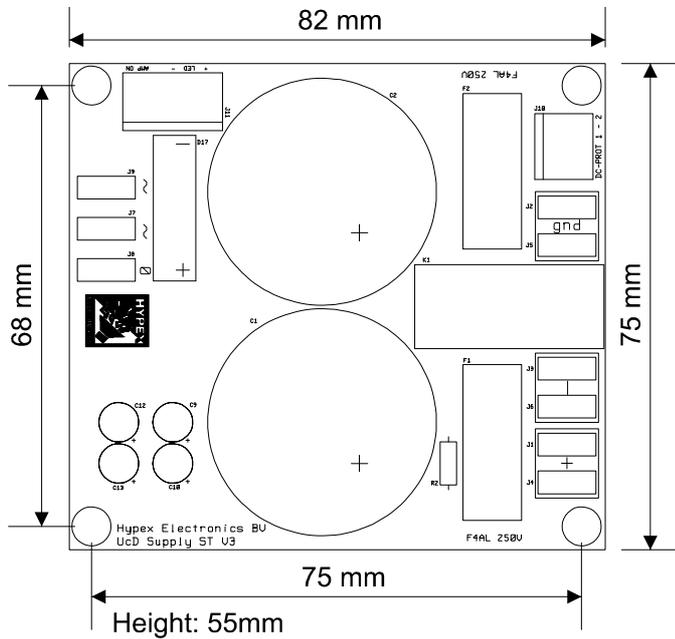


UcD Supply ST



Features

- For use with single or dual UcD180xx/UcD400xx
- Dual DC-error protection
- LED connection (LED not included)
- Amplifier enable control

Applications

- Hifi mono/stereo amplifier
- Public Address systems
- Weight: 165g
- Dimensions: 82mm x 75mm x 55mm

Caution

CAUTION: REPLACE FUSE WITH SAME TYPE AND RATING.
 ATTENTION: UTILISER UN FUSIBLE DE RECHANGE DE MÊME TYPE.

DISCONNECT MAINS CORD BEFORE CHANGING FUSE.
 ATTENTION: DEBRANCHER AVANT DE REMPLACER LE FUSIBLE.

Warning

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

Description

The 'UcD Supply ST' is a general purpose power supply for use in a single or dual UcD180xx/UcD400xx application. Dual on-board DC-protection ensures a fast supply switch-off in case of a fatal module fault.

Absolute maximum ratings

Correct operation at these limits is not guaranteed. Operation beyond these limits may result in irreversible damage.

Item	Min	Typ	Max	Notes
AC input voltage	25V		42V	Hypex TR180/TR400 is recommended
Input frequency	50Hz		60Hz	
Fuses F1, F2			4AF	250V - 5x20mm

NOTE: Most transformers may have a considerable higher unloaded output voltage than the label states.

Connections

Connector	Name	Function
J1, J4	+	Positive power supply connection
J3, J6	-	Negative power supply connection
J2, J5	GND	Power supply ground
J7, J9	~	Transformer AC voltage
J8	0	Transformer centre tap
J10:1	DC-prot 1-2	DC-error connection 1
J10:2	DC-prot 1-2	DC-error connection 2
J11:1	LED +	Positive LED connection
J11:2	LED -	Negative LED connection
J11:3	AMP ON	Amplifier enable connection

Typical Application Schematic

A typical single channel application is shown below.

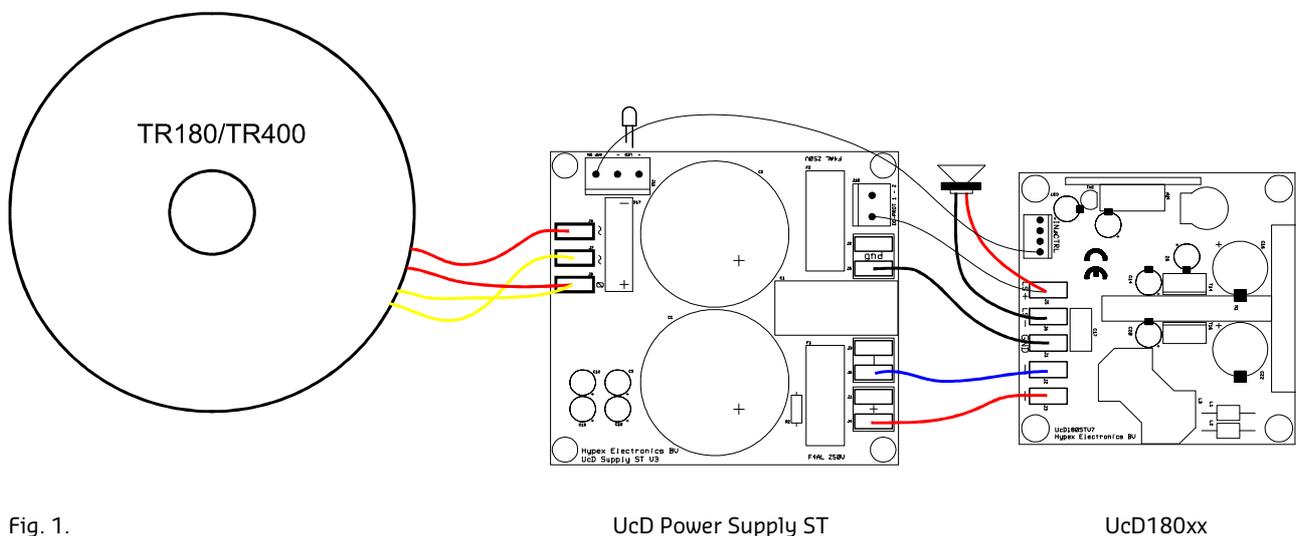


Fig. 1.

UcD Power Supply ST

UcD180xx