



PSU 004A (Boxed) PSU 004B (Chassis Only) PCB POWER SUPPLY 12 VOLT 1 AMP

A high specification power supply fully regulated 1Amp, in addition the PSU supports the load during a mains power failure when optional standby batteries are fitted. This power supply is suitable for a wide range of applications in the fire and security industry. Available as boxed, chassis only, or a 2u & 3u rack unit.

DIMENSIONS

Optional enclosure size Height 260mm x Width 130mm x Depth 115mm
Weight 2.75 Kg (Excluding batteries)

Chassis size Height 110mm Width 200mm Depth 65mm
Weight 1.25 Kg.

CONSTRUCTION

Then optional housing is a rugged steel vented enclosure with a number of 20mm conduit knock-outs in the top and bottom providing easy access into the enclosure.

The enclosure is powder coated white to match other office and industrial control systems.

The power supply is mounted separately from the steel enclosure on an aluminium chassis plate enabling easy mounting of the enclosure onto the wall. This feature also provides fuss free removal of the power supply at a later date should the unit require servicing or repair or the inter changing of PSU's of a different specification.

The front of the enclosure can also be screen printed with your company logo in one colour upon request.

TECHNICAL SPECIFICATION

Mains Input Voltage	230/240 volts 50/60 Hz
Mains Input Fuse	1A Ceramic fuse
Mains Current Consumption	.08 amp
Output Voltage	13.6 Volt DC
Output Fuse	1A Q/B Glass fuse #
Continuous Operating Current	750 mA
Maximum Operating Current	1 A

Mains Power Indication	YES
Fan cooled	NO
Remote Fault LED Indication	YES
Power Relay Control on Board or Remote	YES
Audible warning of output fuse blown	NO
Audible warning of mains failure *	NO
(*only if standby battery is fitted)	

ADVANCED FEATURES

There is provision for standby rechargeable batteries to be housed internally. {Batteries can be supplied phone for prices }

The supply is fitted with a + VE fault O/P, this output goes high if the output fuse should fail.

There is a fault relay on this supply that can be used for a number of applications, for example controlling external sounders or beacons, the relay can also be configured to trigger a mains fail condition by setting the jumpers in the correct position. (See attached Paperwork) **NOTE** The fault relay is rated at 1A.

OPTIONS AVAILABLE

(Part no BML)

Battery disconnect module, this connects in-between the PSU and the battery so if someone take the battery away it will give you a fault condition on the PSU, this is done by a trigger wire form the module to the RA+ terminal on the PSU.

(Part no PSU/F??)

Fuse distribution cards of any number can also be specified upon request these will be mounted inside the steel enclosure on pillars.

From 2 to 16 fuse outputs.

(Part no TAMP)Tamper switch this option is only available on boxed PSU's, this comes complete with wires (Black= common, Purple= normally closed, White= normally open)

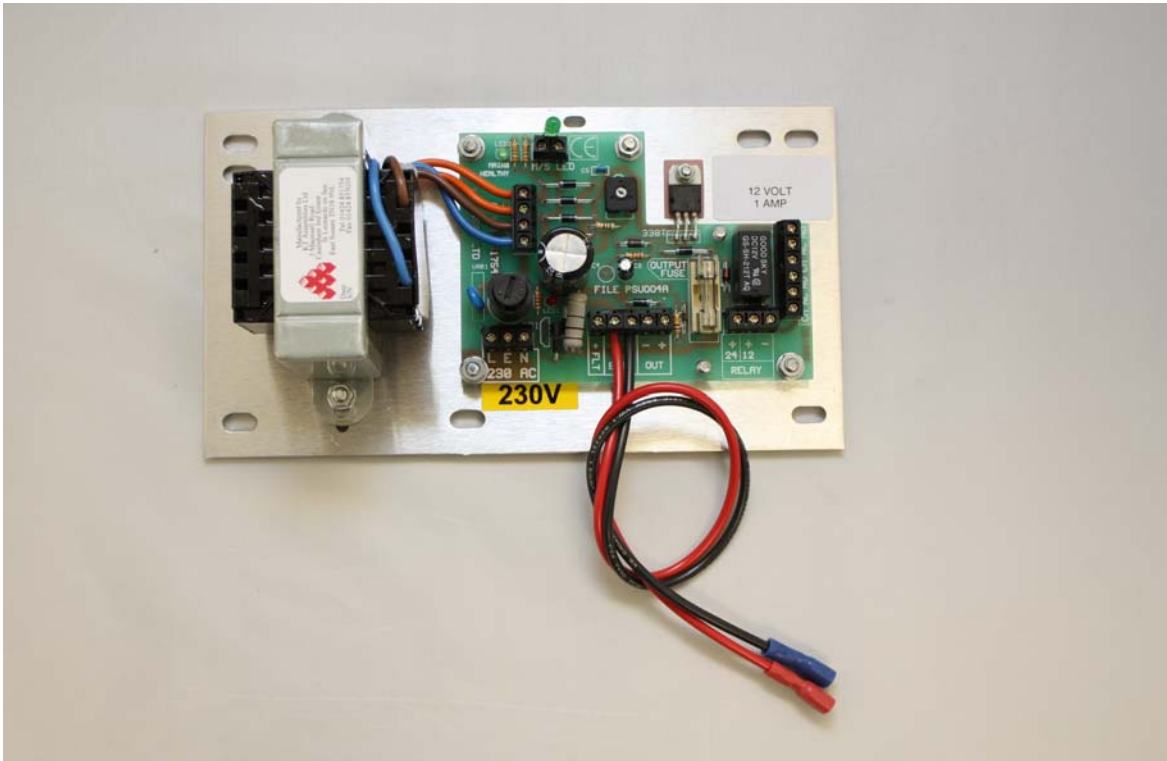
19" 3u rack mounted version also available.

* Not on units supplied before July 2005

** Not on 6volt units

Note - The pictures below are for illustration purposes only and may not necessarily display the above specification, 24 volt versions will be supplied with dual battery leads.

Specifications and design are subject to possible modifications without notice due to improvement.



PSU004



LV2 Enclosure

OUTPUT & CONTROL FUNCTIONS FOR PSU004 SERIES POWER SUPPLY UNITS

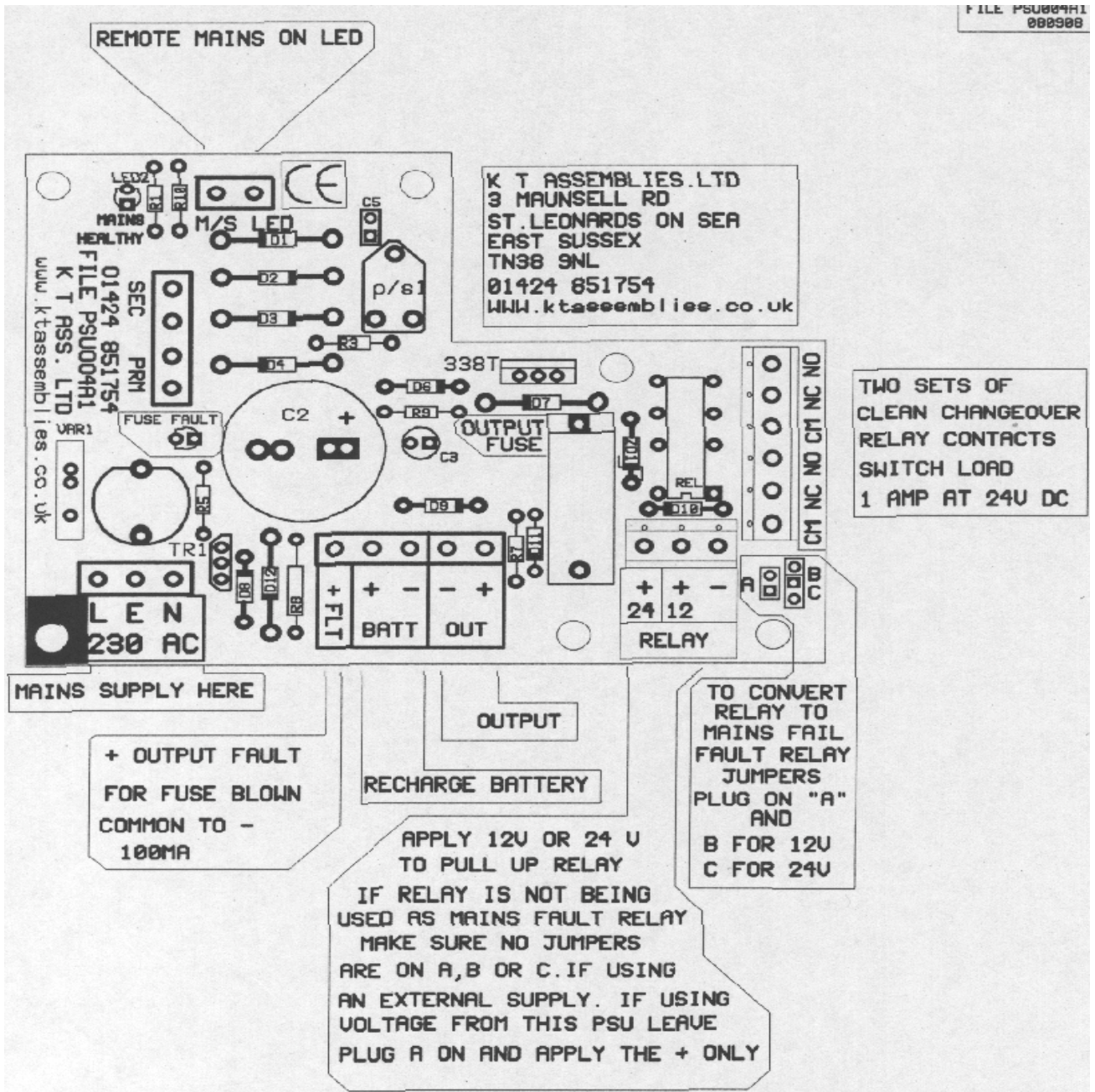


Fig 1