

**1143 POWER SUPPLY****CONTENTS**

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**1 DEFINITIONS AND APPLICATIONS**

The 1143 module is a 1U standard power supply which provides 24V a.c. to power the 6280-6289 range of control panels from a mains voltage source.

**2 GENERAL DESCRIPTION**

The module consists of a single transformer mounted within the control panel enclosure as a stand alone unit, i.e. no PCB (see also Drawing no. 114372-A3)

**3 CIRCUIT DESCRIPTION**

Mains power (either 220/240V a.c. or 110/120V a.c.) is input to transformer TR1 (rated 6W) via fused link FL1 and voltage selector SW1. The transformer output is 24V a.c. via SK1 and flying leads to the 6701 control PCB.

**Note:** Please ensure that the mains voltage selector is set to the correct local value before powering up the unit.

**4 SPECIFICATION****4.1 Inputs**

a.c. mains: 100 to 130V or 205 to 255V

**4.2 Output**

24 V.a.c. from mains

Fuse Rating: 250 mA anti-surge 20x5mm

**5 CONNECTOR  
DETAILS**

**5.1 PL1Connector  
Pinout**

IEC Mains connector 6A

**5.2 SK1 Connector  
Pinout**

"Klippon" 4 way socket 24V output Connector to control PCB

Pin	Title
1	24V.a.c. O/P
2	24V.a.c. O/P
3	N/C
4	0V

**6 PARTS LIST**

CIRCUIT REFERENCES

ITEM & DESCRIPTION

TR1  
FOR TR1  
FITTED IN FL1

MAINS TRANSFORMER 0-20V 0-20V  
TERMINAL SHROUD FOR 6VA TRANS  
FUSE 250mA ANTI-SURGE 20mm

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