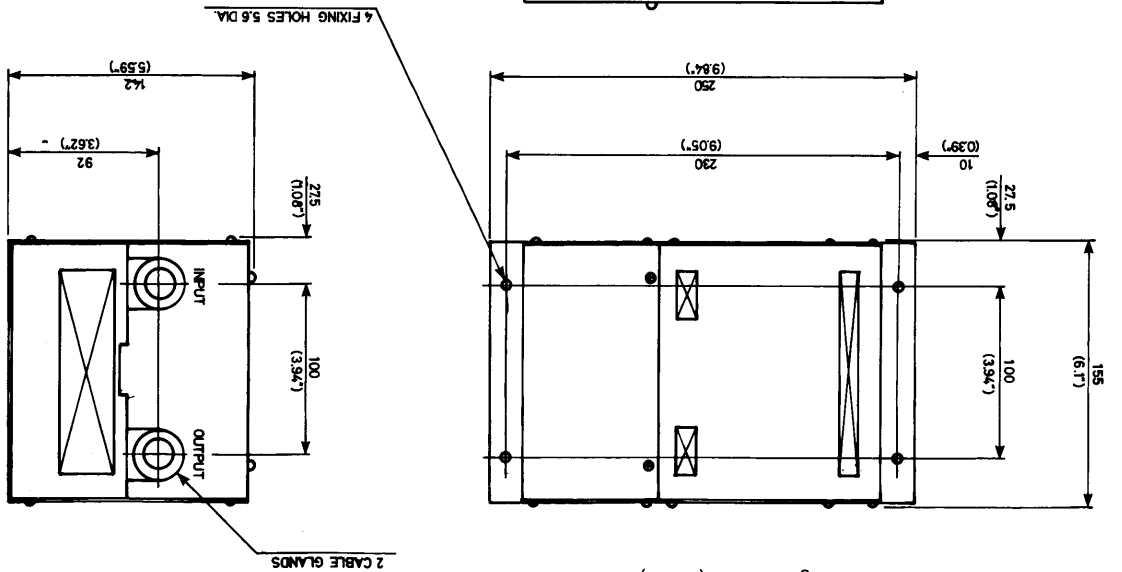


NPD24/5 AND NPD24/10 OUTLINE DRAWING

All dimensions are nominal and are given in mm (inches).



External Dimensions and Mass

NPD24/5: 250(9.84) x 155(6.10) x 142(5.59), 3.9kg (8.6lb).

NPD24/10: 250(9.84) x 155(6.10) x 142(5.59), 5.75kg (12.7lb).

Units have 4 x 5.6mm (0.2in) mounting holes provided.

The following connectors are provided on the power supply.

Screw terminals are provided for input and output connections.

Input voltage selection is achieved using terminal block links.

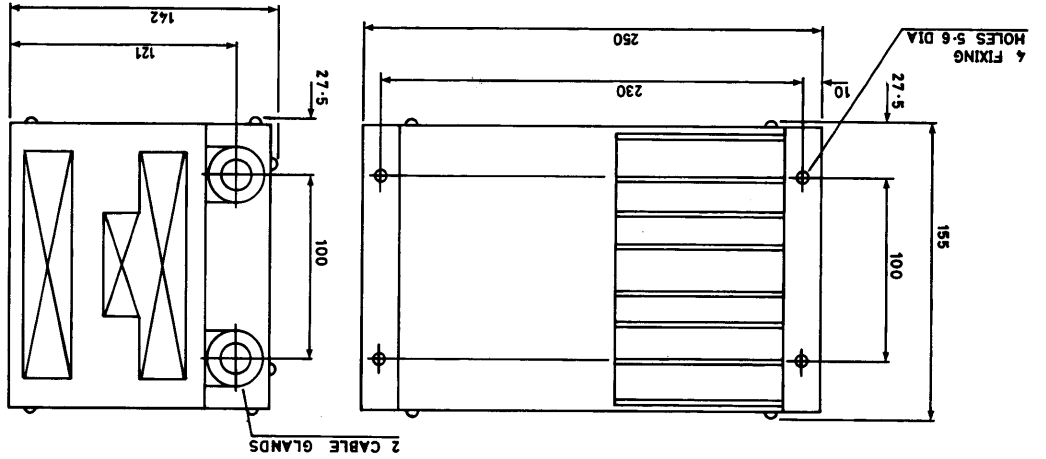
Connectors

Fixings

VENTILATION

NPD24/15 OUTLINE DRAWING

All dimensions are nominal and are given in mm (inches).



External Dimensions and Mass

250 (9.84) x 155 (6.1) x 142 (5.59), 7.7kg (17.0lb).

Units have 4 x 5.6mm (0.2in) mounting holes provided. The following connectors are provided on the power supply.

Screw terminals are provided for input and output connections.

Input voltage selection is achieved using terminal block links.

Connectors

Fixings

NPD SERIES 30 TO 360 WATT RANGE

ENVIRONMENTAL CONDITIONS

Operating Temperature 0 to 40°C

SAFETY STANDARDS

CE marked to the Low Voltage Directive

For more detailed information on these units please contact your local sales office or agent.

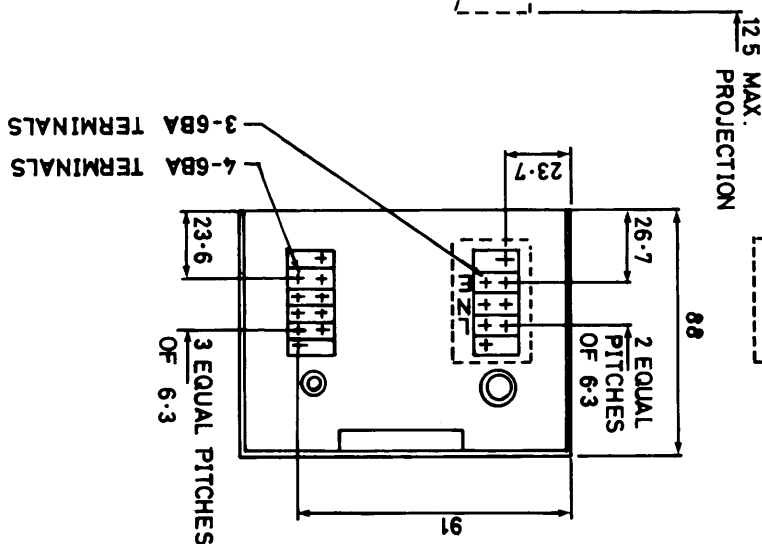
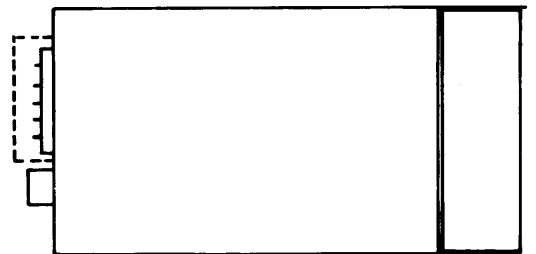
ORDERING INFORMATION

The order code is as below:

Model Number	Order Code
NPD24/1	16U2401
NPD24/5	16U2405
NPD24/10	16U2410
NPD24/15	16U2415

NPD24/1 OUTLINE DRAWING

All dimensions are nominal and are given in mm.



4-6BA TERMINALS
3-6BA TERMINALS

12.5 MAX. PROJECTION

External Dimensions and Mass

179.5(7.07) x 118.6(4.67) x 88(3.46).
2.25kg (5.0lb).

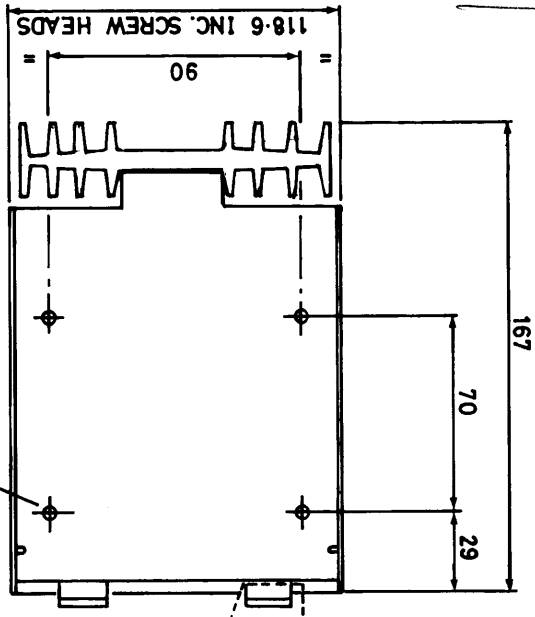
Fixings

Units have 4 x M3 ISO standard threaded inserts provided.
The following connectors are provided on the power supply:
Screw terminals are provided for input and output connections.

Connectors

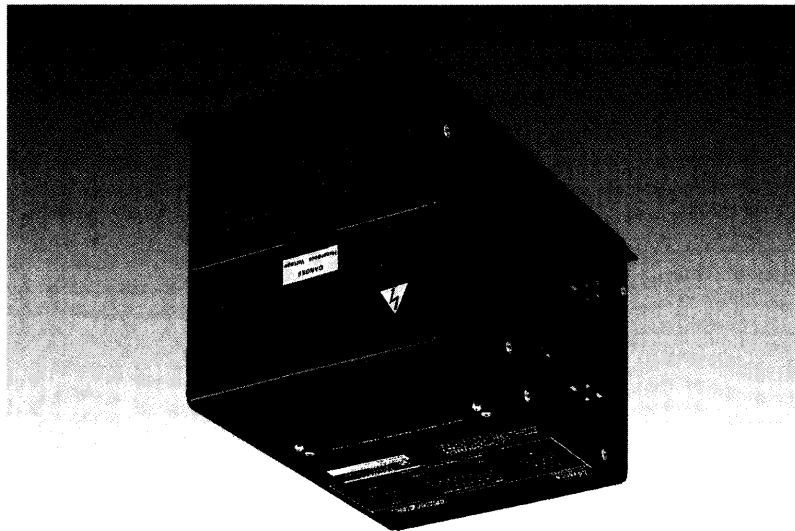
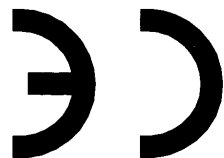
Input voltage selection is achieved using links on the transformer.

4 FIXING HOLES
M3 THREAD



118.6 INC. SCREW HEADS

INPUT - OUTPUT 1650V AC.
OUTPUT - OUTPUT 500V D.C.



SUMMARY SPECIFICATION

Model Number	Input Voltage	Output Number	Nominal Voltage	Adjustment Range	Output Current	Dimensions
NPD24/1	99 – 117V 198 – 233V 216 – 254V		24V	None	0 – 1.25A	118.6 x 88 x 167 mm 4.67 x 3.46 x 7.07 in.
NPD24/5			24V	None	0 – 5A	155 x 142 x 250 mm 6.10 x 5.59 x 9.84 in.
NPD24/10			24V	None	0 – 10A	
NPD24/15			24V	None	0 – 15A	

INPUT SPECIFICATION

Input Voltage 99 – 117V a.c. on 110V tap.
198 – 233V a.c. on 220V tap.
216 – 254V on 240V tap.
47 – 66Hz.

Frequency Single phase TN-S systems (as defined in IEC364), i.e. systems with a separate earth conductor which is directly connected to the neutral conductor at the source.

Supply Type

OUTPUT SPECIFICATION

Voltage Nominal output voltage on all models is 24V.

Current Recommended minimum operating current and maximum continuous current ratings (I_{max}) are shown in the table of models above. All maximum current ratings, are applicable over the full operating temperature range of the units. All units require free air convection cooling. See outline drawing and mechanical specification for ventilation requirements.

Load Regulation NPD24/1: For an output load variation of 100% I_{max} , the maximum output voltage deviation is 50mV.
NPD24/5, 24/10 and 24/15: An output load variation of from 20% I_{max} to 90% I_{max} .

MECHANICAL SPECIFICATION

Mechanical Format All units are supplied fully enclosed as standard.

Mounting Orientation Units may be mounted horizontally as shown on the outline drawing, or vertically with the cables entering from below.

Ventilation and Cooling Units are convection cooled and therefore require free air flow around the chassis.