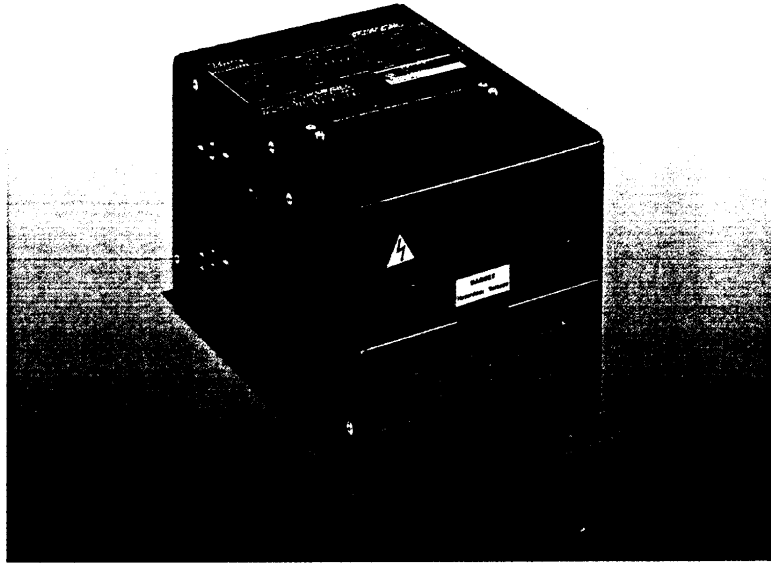


329-850/861/873/885
 CE



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	

LINEAR POWER SUPPLIES

INPUT SPECIFICATION

Input Voltage 99 - 117V a.c. on 110V tap.
 198 - 233V a.c. on 220V tap.
 216 - 254V on 240V tap.

Frequency 47 - 66Hz.

Supply Type 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.

Line Regulation

results in a typical output voltage deviation of 4.8V.

An input variation of from nominal +6% to nominal -10% with the output loaded to I_{MAX} causes a maximum output voltage variation of 500mV on model NPD24/1. NPD24/5 and NPD24/10 models are unregulated and any input variation is therefore apparent as the same percentage variation on the output.

Ripple and Noise

With the output loaded to I_{MAX} , the ripple voltage on NPD24/1 is 50mV pk-pk maximum; the ripple voltage on models NPD24/5 and NPD24/10 is typically 4V.

Output Overcurrent

NPD24/1 is provided with electronic current limiting; models NPD24/5 and NPD24/10 are provided with circuit breakers; NPD24/15 is provided with a 15A fast blow fuse.

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 500mV.

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.

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.

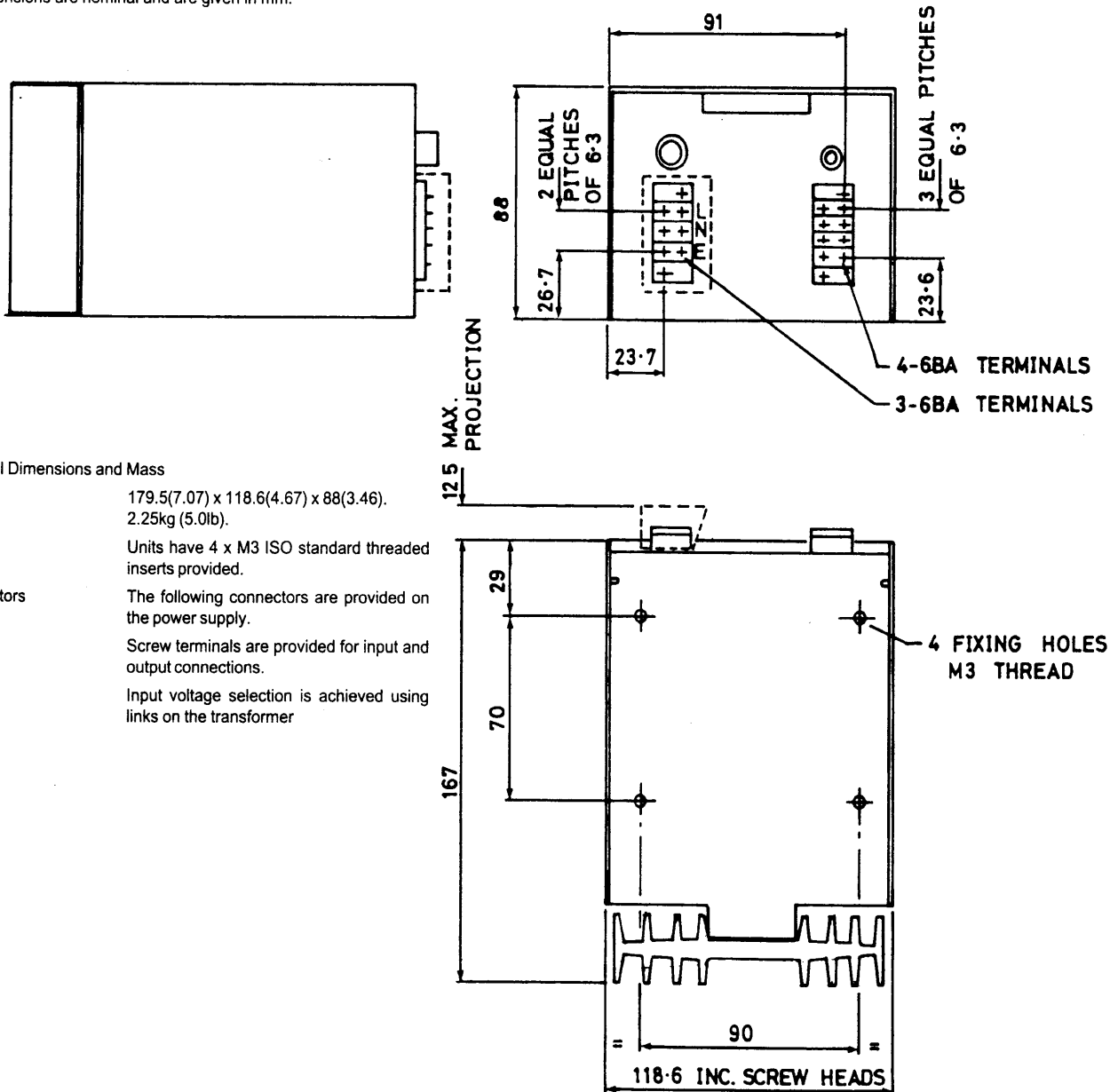
ORDERING INFORMATION

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.



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.

Connectors

The following connectors are provided on the power supply.

Screw terminals are provided for input and output connections.

Input voltage selection is achieved using links on the transformer