

MODELS AVAILABLE

Model Number	Output Voltage	Adjustment Range	Output Current
F5/3	5V	4.5 - 5.5V	0 - 3A
F15/1	15V	12 - 15V	0 - 1A
	15V	12 - 15V	0 - 1A

INPUT SPECIFICATION

Input Voltage	198 - 242V a.c. on 220V tap. 216 - 264V a.c. on 240V tap 110 - 120V a.c to special order
Frequency	47 - 440Hz
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.

OUTPUT SPECIFICATION

Voltage	Nominal output voltage, adjustment ranges and polarity are shown in the table of models above
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	An output load is varied by 100% I_{MAX} . Maximum voltage deviation is 5mV on single output units and 10mV on dual output units

Line Regulation

An input variation of 10% with the outputs loaded to I_{MAX} causes a maximum output voltage variation of 5mV on single output units and 10mV on dual output units

Ripple and Noise

With the outputs loaded to I_{MAX} , the differential noise voltage over the frequency range 10Hz-15MHz does not exceed 3mV pk-pk on single output units and 2mV pk-pk on dual output units.

PROTECTION

Output Overvoltage

The output of model F5/3 is protected against overvoltage. Unit shutdown will occur at between 6.5V and 7.5V.

Output Overcurrent

All units are protected against output overload.

AUXILIARY FUNCTIONS

Remote Sense

Available on single output units.

Parallel Operation

The single output units shown are suitable for operation in parallel with other units of the same model number.

Series Operation

Single outputs units may be connected in series to provide higher output voltages

MECHANICAL SPECIFICATION

- Mechanical Format** All units are supplied fully enclosed as standard.
- Mounting Orientation** Units may be mounted in any orientation but may need additional cooling or derating in some orientations.
- Ventilation and Cooling** Units are convection cooled and require adequate free air flow.

ENVIRONMENTAL CONDITIONS

- Operating Temperature** 0 to 60°C. See current ratings in output specifications for any deratings required.

More detailed information is available on these units from your local sale office or agent. Please refer to Section I at the end of your catalogue for your local contact.

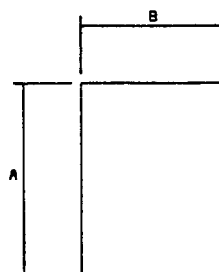
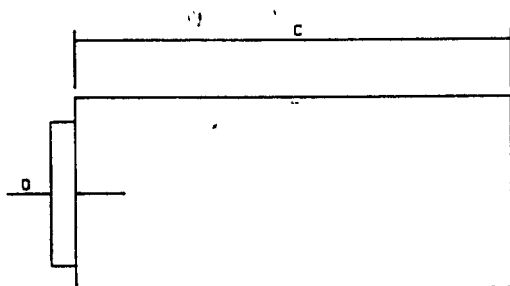
ORDERING INFORMATION

Order codes are as follows.

F5/3	12F0503
F24/2	12F242
FT15/1	12FT151
FT15/2	12FT152

OUTLINE DRAWING

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



External Dimensions and Mass

F5/3 and FT15/1 81(3.19) x 90(3.54) x 148 + 14(5.83 + 0.55). 2kg(4.4lb).

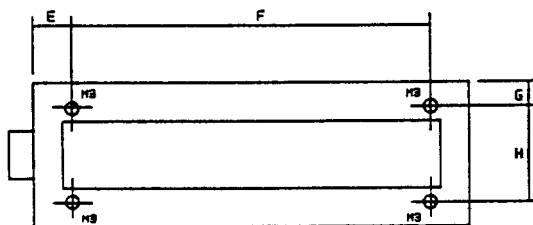
F24/2 and FT15/2 117(4.61) x 90(3.54) x 210 + 14(8.27 + 0.55). 3.6kg(7.9lb).

Fixings

4 x M3 ISO standard threaded inserts are provided.

Connectors

Input and output connectors are made via a single screw terminal block.



Model	Dimensions in mm (inches)								Weight
	A	B	C	D	E	F	G	H	kg (lb)
F5-3	90	81	148	14	12	88	6.35	68.3	2
FT15-1	(3.54)	(3.19)	(5.83)	(0.55)	(0.47)	(3.46)	(0.25)	(2.69)	(4.4)
F24-2	90	117	210	14	41	104	6.35	104.3	3.6
FT15-2	(3.54)	(4.61)	(8.27)	(0.55)	(1.61)	(4.09)	(0.25)	(4.11)	(7.9)