

Specification MAM0150 Series



Key Features

- Form, fit and function replacement for Farnell GT6-20A and Advance MGT5-20C power supplies
- 90-264VAC operation
- Connections as original GT and MGT range
- Complete transparency to end user
- Does not support remote voltage programming



Specifications

Input specification

Input voltage Range	90-264V AC
Frequency	47 to 63Hz.
Inrush current	20/40A (100/200VAC)
Efficiency	Typically 80% at full load.
Power factor	0.95 minimum. Meets EN61000-3-2.
EMI-filter standard	CISPR 22, EN55022 "A".
Radiated EMI	CISPR 22, EN55022 "A".
Holdup time (typ)	20ms
Harmonic Distortion	Meets EN61000-3-2.
Isolation	Meets EN60950.

Output specification

Overall regulation	Less than 0.1%
Ripple pk-pk (20MHz bandwidth)	Main output : <50mV Auxiliary outputs: <20mV
Current limit	Main output: >105 - 135% of rated output current (constant current limit) Auxiliary outputs: >200 - 250% of rated output current (constant current limit)
Protection	Protected for continuous short circuit
Overvoltage protection	Main output: 125-150% of nominal output Auxiliary outputs: 115-145% of nominal output Cycle AC input to reset.
Remote sense	Remote sense available on all outputs. Local sense links fitted as standard.
Voltage Programming	Not supported
Minimum load	Not required
Indicators	Output ON LED

General

Cooling	Convection
Operating temperature	0°C to 70°C. For 50°C to 70°C, de-rate output by 2.5% per °C
Weight	2.5kg

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Mechanical Outline

