

Specification COB Series



Key Features

- Form, fit and function replacement for Advance Hiflex HI-750 and HI-1000
- Signals and sequencing available as per original Hiflex range.
- Stud terminals for easy output connection.
- Complete transparency to end user

Specifications

Input specification

Input voltage	85 to 264 VAC. 120 to 350 VDC
Frequency	47 to 440Hz
Inrush current	40A peak max.
Efficiency	70% - 80% at full load.
Power factor	0.99 typical. Meets EN61000-3-2.
EMI-filter standard	CISPR 22, EN55022 "B".
Leakage current	2.0 mA max at 240 VAC.
Radiated EMI	CISPR 22, EN55022 "B".
Holdup time	20ms minimum (full cycle ride through at 50Hz)
Harmonic Distortion	Meets EN61000-3-2.
Isolation	Meets EN60950

Output Specification

Overall regulation	0.4% or 20 mV max.
Ripple RMS	0.1% or 10 mV max.
Ripple pk-pk	1.0% or 50 mV max (Bandwidth ltd to 20 MHz).
Dynamic response	<2% or 100 mV with 25% load step.
Recovery time	To within 1% in < 300µsec.
Current limit	120-170% of rated output current.
Protection	Protected against output short circuit
Oversvoltage protection	2-5.5V 122-134% 6-60V 110-120%
Reverse voltage	100% of rated output volts.
Thermal protection	All outputs disabled when internal temp exceeds safe operating range.
Remote sense	Up to 0.5V total drop.
Minimum load	Not required.

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Mechanical Outline (6 output version)

