

Specification CCR1500H54V



Key Features

- Form, fit and function replacement for 160 Series 54V rectifiers
- 180-265VAC operation
- Connections and signals as original 160 Series rectifiers
- Complete transparency to end user
- Microprocessor control allows replication of most variants
- Suitable for replacing both Farnell F2705 and F2905

Specifications

Input specification

Input voltage Range	176-264V AC
Frequency	47 to 440Hz.
Inrush current	30A peak max.
Efficiency	Typically 85% at full load.
Power factor	Meets EN61000-3-2.
EMI-filter standard	CISPR 22, EN55022 "B".
Radiated EMI	CISPR 22, EN55022 "B".
Harmonic Distortion	Meets EN61000-3-2.
Isolation	Meets EN60950.

Output specification

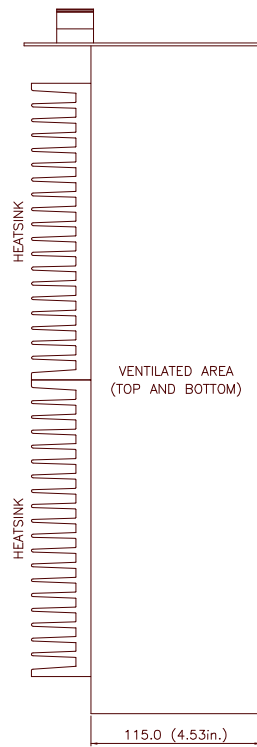
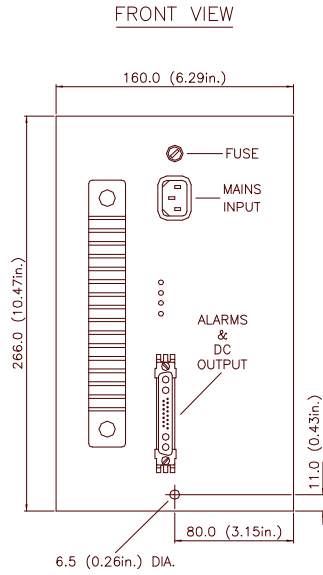
Nominal Output Voltage	54.9V
Maximum Current	28A
Overall regulation	0.1% maximum.
Ripple pk-pk (20MHz bandwidth)	50mV pk-pk maximum
Current limit	28A minimum. Foldback below 10V.
Protection	Protected for continuous short circuit. Automatic recovery on removal of short.
Overvoltage protection	110-120% of voltage rating
Remote sense	Remote sense available. Local sense links fitted as standard.
Voltage Programming	Available as required on variants to match original Farnell F2705 and F2905
Minimum load	Not required
Indicators	Input healthy, Output Healthy, Current Limit/Shutdown

General

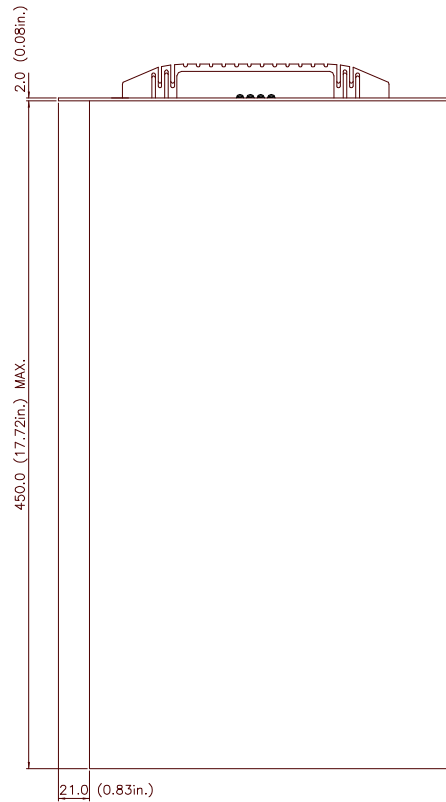
Cooling	Convection cooled
Weight	8kg estimated

Specification CCR1500H54V

Mechanical Outline



BOTTOM VIEW



SIDE VIEW

Advance Product Services Ltd
Unit 30, Freemans Way, Harrogate Business Park
Harrogate, North Yorkshire, HG3 1DH, UK
Tel +44 1423 812980. Fax +44 1423 812982