



## RC105D / RC110D / RC115D

## SINGLE PHASE VSD'S

### DESCRIPTION – DETAIL OF RC105D

The Model RC105D Variable Speed Drive (VSD) provides electronic power control on most single phase resistive and inductive loads & provides remote electronic speed control of PSC, universal & shaded pole motors. The speed may be varied using either a 2 wire 0 to 10 Volt Dc or 2 wire 2-20Ma control signal. Also features an internal 10 Vdc source.

It is BMS compatible, and features a low foot print for ease of installation.

The unit comes standard with two minimum / maximum adjusters for quick and simple range (span & offset) adjustments.

Also available with different mounting options and features to tailor fit your application and intended use.

Suitable for applications of single or multiple / mixed use loads up to 1200VA 5 amps 240 VAC.

### FEATURES

- Australian made
- Continuous RMS power rating, with no de-rating.
- Integral EMI filters.
- Simple 3 wire (motors >200 watt PSC) or 2 wire (for small PSC, universal or shaded pole) motor connection.
- Can control Multiple & dissimilar loads.
- Minimum & maximum adjusters for quick and simple range (span & offset) adjustments.
- A switchable internal calibration source with a third potentiometer that can be used to set up and test the installation without needing an external control signal.
- Two main board mounted test pins provided to allow easy connection to an external dc voltmeter to monitor the test signal during set up or testing.
- Two wire 0-10Vdc or 2-20Ma control inputs, also features an internal 10 Vdc source (maximum 50 milliamps).
- Automatic off at low signals less than 0.8 VDC or 1.5 milliamps.
- Isolation of control signals and mains circuitry via transformer and opto-isolation.
- RoHS and Ctick approved.
- EMC compliant.
- Easy to follow detailed installation guide.

**DESCRIPTION – DETAIL OF RC110D**

The Model RC110D Variable Speed Drive (VSD) provides electronic power control on most single phase resistive and inductive loads & provides remote electronic speed control of PSC, universal & shaded pole motors.

The speed may be varied using either a 2 wire 0 to 10 Volt Dc or 2 wire 2-20Ma control signal. Also features an internal 10 Vdc source.

It is BMS compatible, and features a low foot print for ease of installation.

The unit comes standard with two minimum / maximum adjusters for quick and simple range (span & offset) adjustments.

Also available with different mounting options and features to tailor fit your application and intended use.

Suitable for applications of single or multiple / mixed use loads up to 2400VA 10 amps 240 VAC.

**FEATURES**

- Australian made
- Continuous RMS power rating, with no de-rating.
- Integral EMI filters.
- Simple 3 wire (motors >200 watt PSC) or 2 wire (for small PSC, universal or shaded pole) motor connection.
- Can control Multiple & dissimilar loads.
- Minimum & maximum adjusters for quick and simple range (span & offset) adjustments.
- A switchable internal calibration source with a third potentiometer that can be used to set up and test the installation without needing an external control signal.
- Two main board mounted test pins provided to allow easy connection to an external dc voltmeter to monitor the test signal during set up or testing.
- Two wire 0-10Vdc or 2-20Ma control inputs, also features an internal 10 Vdc source (maximum 50 milliamps).
- Automatic off at low signals less than 0.8 VDC or 1.5 milliamps.
- Isolation of control signals and mains circuitry via transformer and opto-isolation.
- RoHS and Ctick approved.
- EMC compliant.
- Easy to follow detailed installation guide.

**DESCRIPTION – DETAIL OF RC115D**

The Model RC115D Variable Speed Drive (VSD) provides electronic power control on most single phase resistive and inductive loads & provides remote electronic speed control of PSC, universal & shaded pole motors.

The speed may be varied using either a 2 wire 0 to 10 Volt Dc or 2 wire 2-20Ma control signal. Also features an internal 10 Vdc source.

It is BMS compatible, and features a low foot print for ease of installation.

The unit comes standard with two minimum / maximum adjusters for quick and simple range (span & offset) adjustments.

Also available with different mounting options and features to tailor fit your application and intended use.

Suitable for applications of single or multiple / mixed use loads up to 3600VA 15 amps 240 VAC.

**FEATURES**

- Australian made.
- Continuous RMS power rating, with no de-rating.
- Integral EMI filters.
- Simple 3 wire (motors >200 watt PSC) or 2 wire (for small PSC, universal or shaded pole) motor connection.
- Can control Multiple & dissimilar loads.
- Minimum & maximum adjusters for quick and simple range (span & offset) adjustments.
- A switchable internal calibration source with a third potentiometer that can be used to set up and test the installation without needing an external control signal.
- Two main board mounted test pins provided to allow easy connection to an external dc voltmeter to monitor the test signal during set up or testing.
- Two wire 0-10Vdc or 2-20Ma control inputs, also features an internal 10 Vdc source (maximum 50 milliamps).
- Automatic off at low signals less than 0.8 VDC or 1.5 milliamps.
- Double isolation of control signals and mains circuitry via transformer and opto-isolation.
- RoHS and Ctick approved.
- EMC compliant.
- Easy to follow detailed installation guide.
- 12 month warranty, as standard.

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