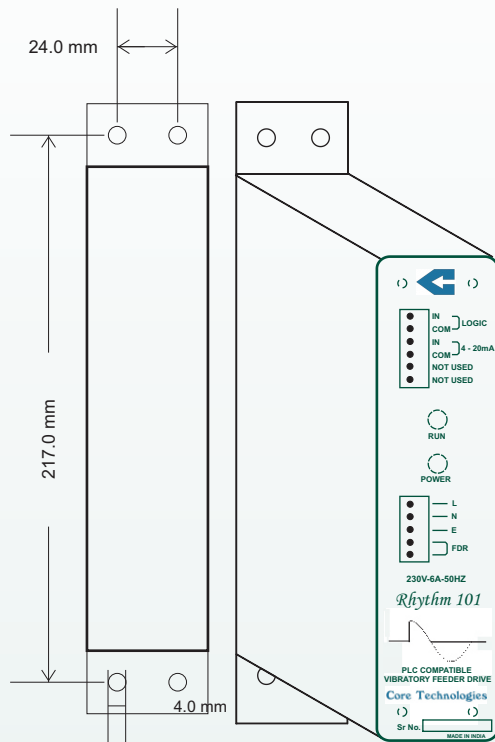


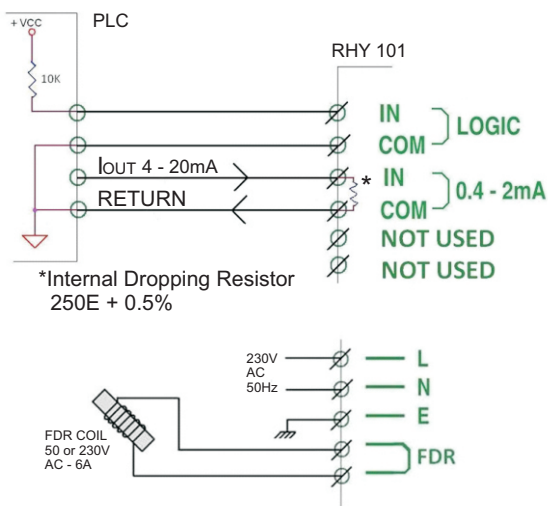
Rhythm 101

PLC Compatible Vibratory Feeder Drive



RHY-101 is a thyristor phase angle control drive for vibratory feeders. Its control is derived from a 4-20 mA Analog input. RHY-101 is designed to respond from 0 to 99% for 4-20 mA input. However the actual vibratory response may start, anywhere from 10 – 15 % and may saturate from 85 to 99 %.

RHY-101 is housed in a panel/wall mounting enclosure 192mm (H), 48mm (W), 110mm (D). The wiring for the feeder coil, power supply (Either 230V or 50V AC) and the low power control input are provided in two groups of pluggable screw termination.



Thyristor Firing Angle Control Operation

Stable, Linear and Digital

Logic Controlled On / Off Operation

Feed Rate Control with 4 - 20 mA Input

Operates on 230V / 50V AC Mains

Applications

- * Unattended Operation
- * In Process Feeding
- * FSS Machine Bulk and Dribble Feed
- * Profiled Feeding

Specifications

Parameters	Rhy 101-230	Rhy 101-50
Input	230V 50Hz	50V 50Hz
Max Current	6A	6A
Control Input For 0%	4mA ±1mA	4mA ±1mA
Control Input For 100%	20mA ±1mA	20mA ±1mA
Fuse	10A	10A
Operating Temperature	0 - 45 °C	0 - 45 °C
Scale Factor (Control Current/ % Change)	0.16mA/ % Change	0.16mA/ % Change
Resolution	0.5%	0.5%

Manufactured by:



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