

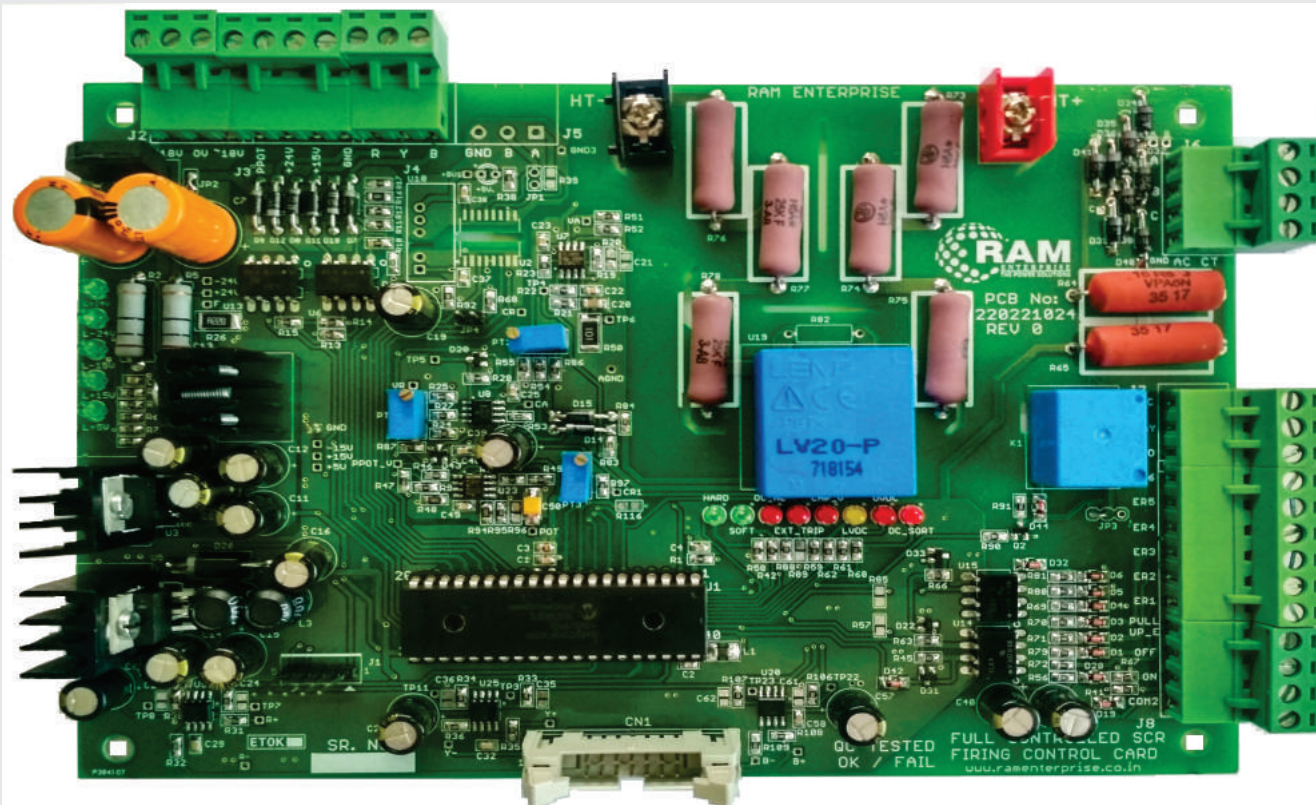
RAM ENTERPRISE FULL CONTROLLED SCR FIRING CARD

APPLICATIONS

PART CODE: 220221024

- Mainly used as Soft Starter to avoid passive components.
- Replacement of Diode bridge rectifiers in all circuits.

FIELD PROVEN TECHNOLOGY !!



Features

- No need of pre-charge circuit - Resistor, MCCB, Relay etc.
- Over / Under Voltage protection by sensing DC Voltage.
- DC-Short detection for human safety.
- Line current sensing for trip and close loop.
- Latching with external error signals.
- Six Digital Inputs.
- One Relay output for alarm.
- High voltage, Low voltage, DC-short and Phase loss indication for easy fault debugging.
- >0.99 Power factor.
- Extremely reliable & rugged design.
- Close loop with DC volt, Line current and power pot .
- Hardware & Software based trip setting.
- HMI interface (optional).

Protection Available on control board

1. DC over voltage and below voltage.
2. Line over current.
3. Phase loss.
4. Low line voltage trip.
5. Six digital inputs.

LED Indication

- Power ON : Green L-24V, L+24V, L-15V, L+15V, L+5V
(Normally ON, Off during Power supply fault)
- SOFT : Green (ON during soft start OFF after done)
- HARD : Green (ON during hard fire done)
- LVDC : YELLOW (ON during below DC voltage)
- OVDC : RED (ON during over DC voltage)
- DC_SHORT : RED (ON during DC short)
- CAP_V : RED (ON during phase loss)
- OC_AC : RED (ON during over load)
- EXT_TRIP : RED (ON during any digital inputs fail).

Environmental

- Working temperature : -40 to 85 °C
Storage temperature : -40 to 90 °C

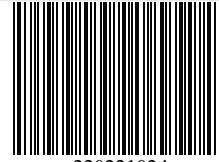
Driving Capability : ANY MAKE

- All usual SCR modules up to 570A/2400V.
For more detail mail us @: info@ramenterprise.co.in

Interfacing with Control Circuit

Refer Fig 1. for details.

ORDERING CODE - 220221024



220221024

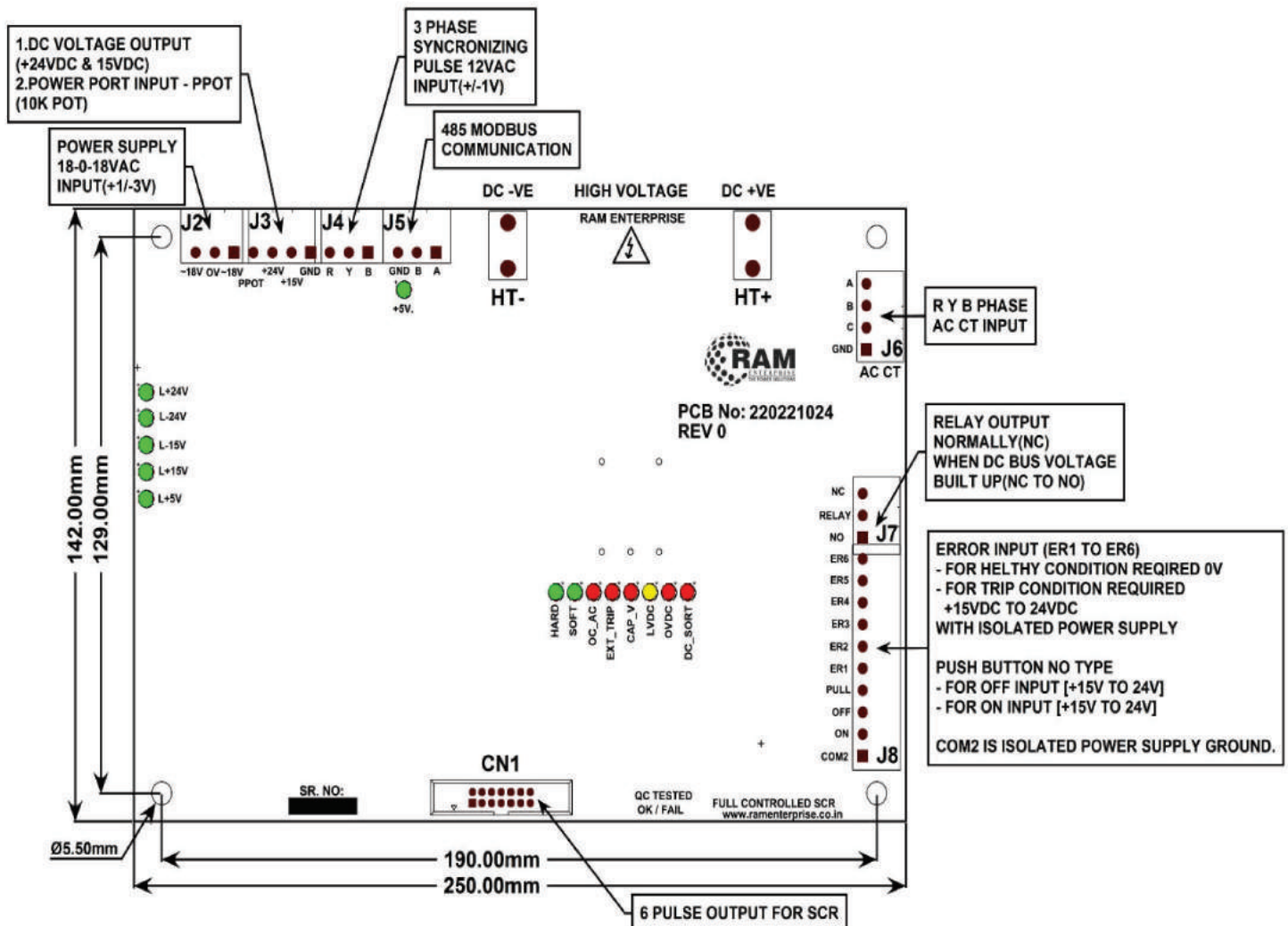


Fig 1.

NOTE: All product names, logos, and brands are property of their respective owners.

REV 0.