



**Jyoti Ltd.**  
Water • Power • Progress

## Switching Solutions With Field Proven Technology



**Providing Solutions for**  
Control Panels, Automation PLC I/P & O/P  
Telecommunication, Industrial Control Circuits

### Features

High Performance

Dust Protected

Compact

Slim Design

Arc Barrier Provision

High Reliability



'Jyoti' RE - 500  
Pluggable Interface  
Miniature Auxiliary Relay

## SPECIFICATIONS

Rated Coil Voltage	DC : 24 & 110 V AC : 110 & 240 V, 50 Hz
Operating Range	80% to 110% of the Rated Voltage
Coil Burden	DC : 0.9 W (Approx) AC : 1.5 VA (Approx)
Operating Time	10 millisecond
Release Time	20 millisecond
Contact Arrangement	4 Change Over
Contact Material	Silver & Its Alloy
Maximum Continuous Current at 230 VAC / 24 VDC	5A
Maximum Switching Current	5A
Maximum Power Rating	1250 VA & 120 Watt
Electrical Endurance	1 Lac Operations
Mechanical Endurance	10 Million Operations
Contact Resistance (Initially)	30 milliohms
Insulation Resistance	100 MΩ at 500 VDC
Dielectric Strength withstand Capability	Between all Terminals & Ground : 2 kV, AC (RMS), 50 Hz Between Open Contacts : 1 kV, AC (RMS), 50 Hz
Weight	35 grams (Approx)
Ambient Temperature	-5° C to +45° C

**The Relay (RE-500) conforms to  
IS : 3231 (Part 2/Sec. 1) : 1987**

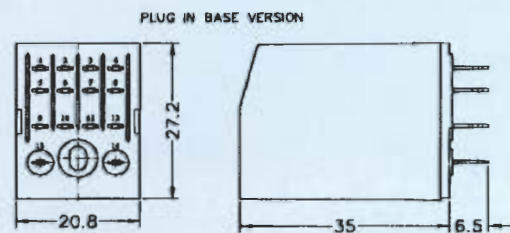
**Socket Type :**

PYF 14.5 A or Equivalent

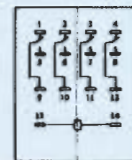
**How to Order :**

- RE - 500
- Coil Voltage
- AC/DC
- LED Indicator (Optional)

### Dimension



### Circuit Layout



\* All Dimensions are in mm.



FOR FURTHER ENQUIRIES  
PLEASE CONTACT

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