

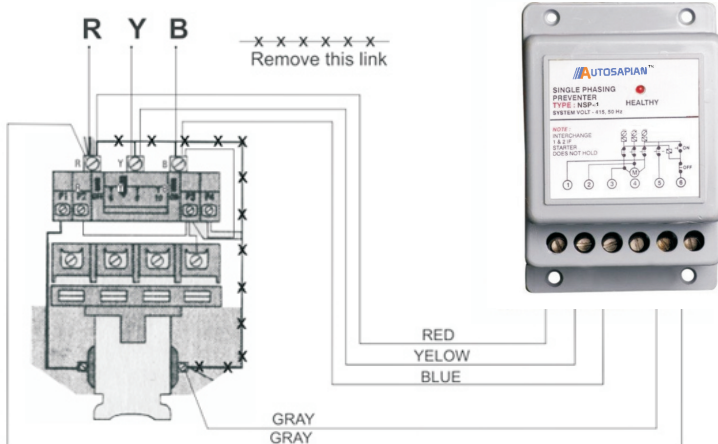
Phase Failure Relay



APPLICATIONS

- # Electrical Panels.
- # Suitable for 3 Ph. equipments
- # Agricultural Pump Starters.
- # 3 Ph. Split AC machines.
- # Hoist Motor Control
- # Valve Actuator Motor
- # Machine Tools
- # Injection Molding M/c

WIRING DIAGRAM



As a result of our policy of continual improvement, the information in this document is subject to change without any notice and it is intended only as general guidance on product performance and suitability. This information shall not form part of any contract.

our product should be installed by a qualified personnel only, therefore any use of this application is at the installer's own risk and should be accessed appropriately.

DESCRIPTION

Protection of induction motors against single phasing or reverse phasing or unbalance supply is one of the major problems in electrical systems. For safe running of 3-phase motors, special protections that keep a continuous watch on supply conditions are very essentials. The major cause of maximum motors burn-out is overloading which occurs due to unbalance supply or single phasing. Phase failure occurs in case of fuse blown-off, loose connections or loss of phase from supply itself.

HEMKUNT electronics specializes in customizing designs to specific customer needs for a wide range of applications. Please feel free contact us to provide the optimal solution for your specific needs.

TECHNICAL DATA

Supply Voltage	:	415 VAC ± 20%, 50 Hz ± 3%
Output Relay Contact	:	1 NO
Output Contact Rating:	:	5 Amp, 240 VAC (RESISTIVE)
Unbalance Trip Setting	:	40 V ±6 V
Trip Time Delay	:	
For unbalance	:	3.5 sec. ±1.5 sec.
Dry Run Setting	:	N.A.
On Time Delay	:	N.A.
Star-Delta Changeover Time Delay	:	N.A.
Resetting	:	Auto Reset
Auto Switch	:	N. A.
Enclosure	:	ABS moulded, with Nylon connector strip
Dimensions (mm)	:	
Overall (H x W x D)	:	103 x 66 x 43
Mounting	:	Panel Mounting
Operating Conditions	:	
Temperature	:	-5 °C TO + 60 °C
Humidity	:	Upto 95% Rh

FEATURES

- # Phase Failure, Unbalance,
- # Smallest size of single phasing preventer Single phasing, reverse phasing, unbalanced supply
- # Auto reset, 1 NO output contact suitable for any HP/kW rating mono block pumps
- # Phase Sequence,
- # Auto Reset, Fixed Unbalance Setting
- # 1 CO output Relay

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