

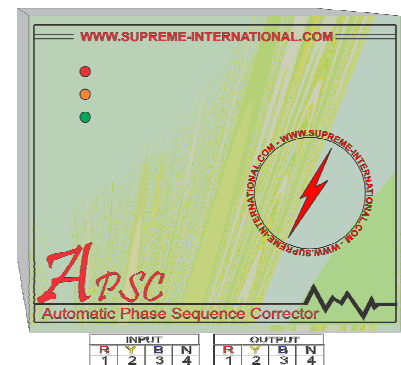
MICROPROCESSOR BASED FULLY AUTOMATIC PHASE SEQUENCE CORRECTOR

- It's our privilege to introduce ourselves as professionally managed company, specialist in the field of Industrial Automation Products. SUPREME INTERNATIONAL is involved in Designing, Developing, Manufacturing & Marketing of the entire range of innovative industrial products.

SUPREME INTERNATIONAL is an engineer venture, focusing on the entire gamut of Industrial & Domestic Automation related solution. Our customers, therefore, gets undivided attention from a company dedicated to provide answers to all their Electronic/Electrical customized automation related problems.

SUPREME INTERNATIONAL is an Quality Management **Certified ISO 9001 2008 Company**. We are also enlisted with Railways and Licensed Electrical Contractor from Govt. Of Haryana.

We at SUPREME INTERNATIONAL are committed to demonstrate excellence in performance on a continual basis, as an intrinsic element of our corporate philosophy. To achieve this we commit ourselves to continue product innovations to improve quality standard. We are automation people, we do have vast experience and versatility in designing all types of automation products.



AUTOMATIC PHASE SEQUENCE CORRECTOR

We are specialized in offering a wide range of RYB **Phase Sequence Correctors** that is designed and constructed to meet the demands of sensitive three phase equipment. Manufactured using superior quality material, these correctors prevent damages at the time when phase is changed or reversed. These safe to use Systems are ideal for single phasing and voltage imbalance. Our RYB **Phase Sequence Correctors** are installed at three phase UPS, three phase air conditioners & sensitive and Three Phase equipment.

INPUT SUPPLY SEQUENCE	OUTPUT SUPPLY SEQUENCE
R-B-Y	R-Y-B
R-...-...	R-Y-B
B...-...	R-Y-B
Y...-...	R-Y-B

OUR RYB PHASE SEQUENCE CORRECTORS ARE USED IN THE FOLLOWING AREAS:

- BANKS
- BIG
- SHOWROOMS

- GOVT AND SEMI GOVERNMENT ORGANISATIONS
- INDUSTRIES
- CORPORORATE HOUSE etc etc

SUPREME AUTOMATIC PHASE SEQUENCE CORRECTOR AUTOMATICALLY CORRECTS THE PHASE SEQUENCE AT ITS OUTPUT TERMINAL.

* Motor-pump will always run in right direction.

* Load connected to it will have always right phase sequence.

Supreme make 3 phase Automatic Phase Sequence Corrector. System provides comprehensive protection against

incorrect phase sequence,

voltage unbalancing,

The Supreme make 3 phase Automatic Phase Sequence Corrector (APSC) System can be used in safe running of 3 phase UPS, elevators, lifts, air-conditioners, motors and many other 3 phase systems.

Supreme Microprocessor Based Fully Automatic Phase Sequence Corrector (SMAPSC)

For any 3 Phase Machines (or) Equipments like AC,UPS, Lifts and Motors, Motor-pumps 3 Phase incoming supply has to be given in the right sequence, i.e (R,Y,B).

The Phase angle of 120° between the phases R,Y,B is to be maintained to run 3 phase Motors.

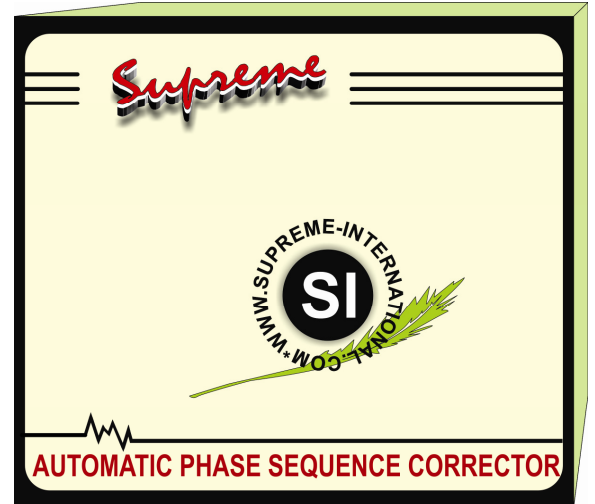
If the sequence is changed

- motor tends to rotate in the reverse direction.
- AC,UPS and Lifts, they will stop working due to the inbuilt sequence protection feature.
- Only when the input sequence is changed manually, they start functioning.

SUREME FULLLYAUTOMATIC PHASE SEQUENCE CORRECTOR (SAPSC) always gives an output in the right sequence and maintains 120° between phases, even if the input sequence is changed for any number of times.

SALIENT FEATURES

- FULLY AUTOMATIC
- NO MANUAL INTERVENTION



- SINGLE PHASE PREVENTION
- HIGH/LOW VOLTAGE PROTECTION
- VOLTAGE IMBALANCE PROTECTION BETWEEN PHASES
- OUTPUT IN THE RIGHT SEQUENCE(R,Y,B)

STANDARD RATING

- 30 Amps, 40A, 60A, 100A, 125A, 150A, 200A, 250A, 300A, 400A up to 630 Amps

The Key Features Of Our RYB Phase Sequence Correctors Are As Under:

- Suitable for correcting the RYB phase sequence, whenever the sequence is changed or reversed
- For Three Phase UPS, during sequence changed or reversed, UPS will start use the battery power & battery may become empty within half or one hour
- 3Ph air conditioner will be tripped off, due to sequence reversal & the entire office will be suffering or disturbed because of AC failure
- Avoid damages during phase sequence changes or reversal
- The sequence corrector will switch off, during the single phasing or imbalance voltage occur & later, auto-reset after restoration
- No break downs of Lifts, UPS, Machineries, 3 Ph. Air conditioner or any motors or 3-phase system due to any change in sequence

IT IS CUSTOM BASED PRODUCT CAN BE MADE AVAILBLE IN THE SHORTEST SPAN OF TIME AS PER YOUR SPECIFICATION.

BIG PROBLEM:

XXX Towers Sector - 56, Gurgaon 122011 is a condomonium of 19 high rise buildings with 1000 flats. They have DG sets AMF Systems for power backup. But unfortunately when HUDA [grid] power supply is resumed, the phase sequence of the supply is often revered and all their three phase motors get affected badly.

SIMPLE SOLUTION:

Automatic phase sequence correction System from Supreme International, India