

▶ POWER AND MOTOR CONTROL CENTER



Specification

Application	System Control from Remote Location
Reference Standard	IS 13947
Operational Voltage	24/110/230 V AC/DC 690V AC
Degree Of Protection	IP 4x, 5x, x2, x4
Form of Separation	2b/3b/4b
Configuration	Fixed and Draw-Out Type
Drawout Option	Available

▶ POWER FACTOR CORRECTION PANEL

Specifications

Power Range	35... 500 kVAr
Rated System Voltage	440 V / 415 V / 400 V / 380 V
Rated Frequency	50 Hz
Duty	Continuous
Ambient Temperature	-5°C to 45°C
Power Supply	3Phase, 4 wire
Ingress protection	Upto IP52
Detuned Reactors	w/o reactor, with 7% & 14% reactors
Switching	Capacitor duty Contactors or Thyristor



Consistently high power factor under fluctuating load conditions



Elimination of low power factor penalty levied by electrical supply authorities



Reduced kVA demand charges



Lower energy consumption in the installation by reducing losses

DG SYNCRONISATION PANEL

Application	Control and synchronize DG sets, PLC based Load sharing and Load Management
Power supply	3Phase 4 wire
Rated Voltage	415 V
Rated Frequency	50 Hz
Degree Of Protection	IP 4x, 5x, x2, x4
Ambient Temperature	-5°C to 45°C
Busbar options	Copper / aluminium



AUTOMATION & DRIVE PANEL



Application	Drives for motor application to save energy and space
Power supply	3Phase 4 wire
Rated Voltage	415 V
Rated Frequency	50 Hz
Degree Of Protection	IP 4x, 5x, x2, x4
Ambient Temperature	-5°C to 45°C
Busbar options	Copper / aluminium

AUTO TRANSFORMER STARTER & CLOSED TRANSITION STARTER PANEL

Application	ATS - Suitable for motors with longer acceleration time and high starting torque CTS - No Break in supply to motor during starting
Motor Rating	110....700KW
Power supply	3Phase 4 wire 50Hz
Rated Voltage	415 V
Rated Frequency	50 Hz
Degree Of Protection	IP 4x, 5x, x2, x4
Transition Resistors (CTS)	50....500 Amps
Standard Tapping (ATS)	50%, 65% & 80%



▶ SOFT START PANEL

Application Soft Starters offer soft starting and stopping of the motor. Centrifugal pump, Compressor, Conveyor belt, Elevators, etc.

Rated Motor Current	30...1200Amps
Main Motor Voltage	208-600V
Power supply	3Phase 4 wire 50Hz
Control Supply Voltage	100...250V
Degree Of Protection	IP 4x, 5x, x2, x4
Ambient Temperature	-5°C to 45°C



▶ CONTROL DESK



Application	Control & status with mimic diagram depicting system layout
Operational Voltage	24/110/230V AC/DC
Rated Frequency	50 Hz
Degree Of Protection	IP 4x, 5x, x2, x4
Ambient Temperature	-5°C to 45°C