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PRODUCT CATALOG

Low-Voltage
Electrical Switchgears

Automatic Transfer Switch



Automatic Transfer Switch with inbuilt Controller AX2-Motorised

- Available in basic and intelligent versions.
- Current rating: Up to 3200A.
- Operating Modes: Auto, Manual and remote.
- Protection: OV, UV, OC, OF, UF and ASSY (adjustable and password protected),
- Phase sequence and Phase failure.
- Adjustable transfer and recovery delay.
- No of poles: 4
- Source position indicator LED's. Built in AMF Feature
- High durability with 8000+ ON/OFF cycles.



Automatic Transfer Switch with Inbuilt Controller- AX3 Solenoid

- Solenoid based fast switching (< 50ms).
- Current rating: Up to 63A.
- No of poles: 2 and 4.
- Under and Over Voltage monitoring and protection.
- Manual and Auto mode operation
- 35mm Din Mounting



Automatic Transfer Switch with Inbuilt Controller- AX3 Solenoid

- Number of poles: 4 poles.
- Current rating: 125A, 250A, 400A, 630A, 800A, 1200A.
 - Double complex contact/ horizontal moving
 - Mechanism to ensure self-cleaning and proper connection
 - Operating Mode: Manual and Auto.
 - Energy efficient driving motor design.
 - Distinct position indicator and padlock function.
 - Over Voltage, Under Voltage and Phase failure monitoring.
 - Operating time is <60ms.



Manual Transfer Switches
MTS-AX1

- Operating Voltage: 400V AC.
- Current Rating: Up to 1250A.
- No of poles: 4 pole.
- Complies with IEC60947-3.
- Spring charge mechanism for rapid making and breaking.



Hour Meter.

- Rated Voltage: 220V/ 50Hz
- Outline Dimension: 48x48x40mm
- Timing Range: 0~99, 999.99Hours
- Net Weight: 50g
- This product is suitable for capturing running time of domestic generators, industrial generators, air compressor, etc



Thermostat

- Compact Size and weight 75X 33x 43mm / 40gms
- 35mm Din Channel Mounting
- Temperature Range: 0-60deg C
- Contact rating 5 Amps @ 220 V AC
- Protection IP 20
- Heater and Fan



Digital Meters

Model No	Description
Digital energy Meter	EN 1600 , EN 2600DS
Dual Source Energy Meter	EN 2600DS
Multifunction Meter	MF 3400, MF 3600
Digital Single Phase Meters	DPM A, DPM V
Digital Three Phase Meters	DPM 3A, DPM 3V
DC Meters	DC Ammeter, DC Voltmete
VAF Meter	VAF 300



Wi-Fi MCB

- Rated Voltage: 230V / 400V
- IEC 60898-1
- Number of poles : Double pole / Four pole
- Rated Current : 16A - 63A
- Rated short circuit capacity $I_{cs}=I_{cn}=6kA$
- Protection : Over current, Short circuit, Over voltage, Under voltage.
- Control : Local or remote- APP, and can also be set for specific timing operation.
- Mode of operation : Auto and Manual operation.
- Alarm- In event of fault tripping a notification will be sent to registered instrument.
- It has self-diagnosis function, including memory fault identification, controller
- over-temperature, ADC acquisition circuit failure, clock battery underpower
- warning, and supports the temperature of each phase terminal or contact.
- Communication: WIFI, Bluetooth, 485, DL/T645 or CoAP, etc., 485 can communicate
- with photovoltaic inverters; it can also support power line carrier communication and



Surge Protection Device SPD

- Type: T2, T1+T2
- Maximum Discharge current (8/20 μs): 40kA / 12.5KA(10 / 350 μs)
- Response Time : < 25ns
- Temperature range : 40deg to +70deg
- Operating Voltage : 440V
- Pluggable Design : Easy to replace cartridges.
- Poles: 2P and 4P.



Analogue VMR

- Micro Controller based
- True RMS Measurement
- Parameter setting by knobs UV, OV, ASSY, Ph Seq, N Failure Protection with time delay
- 1 C/O output of 8A rating at 230V AC
- LED indication for supply and Output state
- 35 mm DIN Mounting



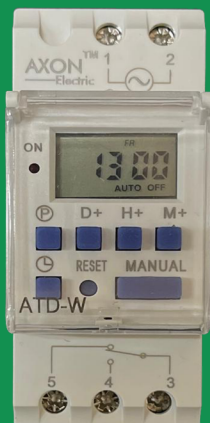
Digital VMR

- Micro Controller based
- LCD indication for operating voltages and status
- Over Voltage, Under Voltage, Phase failure, asymmetry and phase sequence protection
- 45- 65 HZ wide frequency measurement range
- Supply Voltage measurement (True RMS)
- Menu setting for protection parameters
- Test and Manual reset keys
- N phase failure protection
- 3Ph, 3Wr and 3Ph 4Wr selectable



Analogue / Daily Timer

- Base, Flush/DIN Mounting
- Operation Mode: ON-OFF-Programmable
- each step with 15mins interval
- Contact Rating : 16Amps, 250VAC
- Contact Type 1 C/O.



Digital/ Weekly Timer

- Advanced Pre-setting for one Week
- ON/OFF Operation: 16 ON & 16 OFF,
- Backlit LCD Display
- Power reserve : 3Years(Lithium Battery)
- Temperature range : 10+40deg
- Contact Rating : 16A@250VAC
- 35 mm DIN Mounting



Star-Delta Timer

- Microcontroller based
- Star-Delta start
- Star-Delta transition 75 ms or 150 ms
- Two changeover contacts
- LED indication for power supply and relay status
- 1 module Din-rail mounting



ON-OFF Delay Timer

- Microcontroller based
- ON-delay / OFF delay
- Time Range : 0.1 s-1 s, 1 s-10 s,
- 0.1 min-1 min, 1 min-10 min
- Repetition accuracy < 0.2 %
- Module Din-rail mounting



Miniature Circuit Breaker

- As per IS/IEC 60898.1:2015. ISI marked.
- Curve: B and C.
- Over current and short circuit protection.
- Rated Current: 0.5,1, 2, 3, 4, 6, 10, 16, 20,25,32,40 & 63A
- Max working voltage: 415V.
- Configuration: SP, SPN, DP, TP, TPN, FP
- Terminal connection: can accept Bus Bars and Flexible cables up to 25 Sq. mm.



Isolator

- Number of poles: 2, 3 and 4 poles.
- Current Rating: 40, 63,100A.
- Max working voltage: 240 / 415V



Miniature Change over Switch

- Number of Poles: 2 and 4.
- Current rating: 25 and 40A.
- DIN rail mountable.
- Max working voltage: 240 / 415V



Residual Current
Circuit Breaker

- IS 12640 - (Part 1): 2016/ IEC 61008- 1: 2012 ISI marked.
- Type: AC.
- Sensitivity 30mA,100mA&300mA
- Rated current – 25,40and63A
- Max workingvoltage:415V
- Configuration - 2 Pole and 4Pole
- DIN rail mountable. Can accept bus bars and cable termination.
- ON- OFF flag indicator
- Test button for periodic checkup
- IP20 protection



- Material – CRCA
- DB Thickness – 0.8 to 1mm
- Finish – Powder Coating
- Shade - RAL 9003 Fine Texture
- Protection Category – IP42
- Incomer / Outgoing - Termination on busbars
- Busbar Rating - 63A to 100A
- Busbars Type - SPN / TPN



Fire Suppression Steps

When fire occurs, special automatic wick detects the fire and initiates an activation signal to the aerosol fire extinguisher.

- Aerosol fire extinguishers receives the activation signal and start to extinguish the fire, rapidly emitting a white, smoky aerosol agent from the nozzle.
- Aerosol fire extinguishing agent acts on the root of the flame through physical heat absorption and cooling reaction, chemical isolation of oxygen and other reactions.



Distribution Board



FIRE EXTINGUISHMENT MODULE



Inverter

- Ultra Compact and portable
- Pure sine wave inverter
- Automatic over temperature, Low battery voltage.
- Compact and easy to install.
- Input Voltage: 10-15V (12V), 20-30V(24V), 40-60V(48V)
- Output Voltage: 220/230V AC, 50Hz
- Continuous AC output power: 500w/1000w/1500w
- Max momentary AC output power:1000w/2000w/3000w
- Low battery alarm: 10.4-11V/ 20.5 -22V/ 42-45V.
- High Battery shutdown: 14.5-15.5V/ 29-31V/ 58-62V.
- Peak efficiency: >90%



ACCL

- ACCL-Automatic Changeover with Current Limiter
- 220AC 50Hz Ie - 63A
- Real-time Voltage & Current display
- Supports dual single-phase supply
- Auto reset after fault removal
- Compact 35mm Din Rail Mounting
- 3 LED status indicators
- Priority source switching



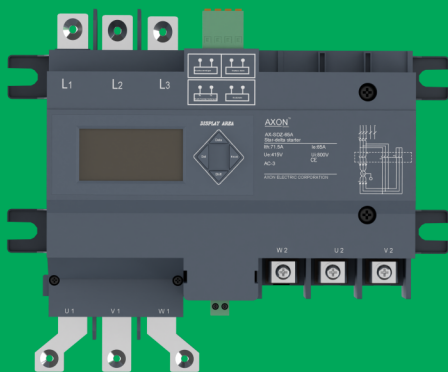
Adjustable VA Protector

- Input terminals : L,N
- Rated current : 40/63 Amps
- Over voltage range : 130-300 V AC
- Under voltage range : 80-220 V AC
- Compact modular 35mm Din Rail Mounting
- Real time voltage and current display
- Reset mode: Automatic reset or Manual reset
- Security password for setting



Phase Selector Switch

- Input Terminals : N, L1, L2, L3
- Rated Current : 63A
- Over voltage range : AC 230-300 V
- Under voltage range : AC 140-220 V
- Compact modular 35mm Din Rail Mounting
- Real time voltage and current display
- Supports 3-phase 4-wire input
- 4 LEDs for status indication
- Supports switching to priority phase



Star Delta Starter

- The AX-SD Series Star Delta Starter is designed for use with 3-phase squirrel cage induction motors
- Operating at 380/400 V AC, 50 Hz.
- It supports AC-3 current ratings ranging from 18 to 265 Amps.
- The starter features a modular design that
- Integrates both contractor and a controller into a single unit, enabling complete motor control according to a preset program. This integrated setup enhances the efficiency and reliability of the star-delta starting function for the motor.



Your Electrical Journey Begins Here

Thank you for exploring our collection. Each piece is crafted with passion and precision.

Our Clients



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