

Miniature Circuit Breakers(MCBs)



- Rated current In - 1A, 2A, 3A, 4A, 6A, 10A, 13A, 16A, 20A, 25A, 32A, 40A, 50A, 63A, 80A, 100A, 125A
- Poles - 1P, 1P+N, 2P, 3P+N, 4P
- Rated breaking capacity - 3kA, 15kA
- Standards and Tripping curves - IEC/EN60898-1; B curve(3-5In), C curve(5-10In), D curve(10-14In); IEC/EN60947-2(7-10In)(8-12In)(9.6-14.4In)UL1077(4-7In)(7-14In)
- Accessories-Auxiliary Contact, Shunt Release, Under voltage release, etc.
- Certificates



Residual Current Operated Circuit Breaker(RCCBs)



- Rated current In - 25A, 40A, 63A, 80A, 100A
- Type(wave form of the earth leakage sensed) - AC-A, AC-G-A, G-A, C-S-A-S
- Rated sensitivity I_{Δn} - 0.01A, 0.03, 0.1A, 0.3A
- Short-circuit current I_{Δsc} - 6kA, 10kA
- Rated residual making and breaking capacity I_{Δm}-500A(In=25/40A), 630A(In=63A)
- Rated frequency - 50/60Hz
- Poles - 2P, 4P
- Standards - IEC/EN 61008-1
- Certificates



Manual Motor Starters

- Frame sizes - 25A, 80A
- Rated operational voltage-690V
- Rated impulse withstanding voltage-8,000V
- Adjustable setting current
- Standards - IEC/EN 60949-2, IEC 60947-4-1
- Accessories: Under voltage release, Shunt release, Auxiliary contacts etc.
- Certificates



Modular Contactor



- Electric ratings - up to 20A, 25A, 40A, 63A, 230V, 400V
- Frequency - 50/60Hz
- Utilization category - AC-1, AC-7a, AC-7b
- Standard - IEC/EN 61095
- Certificates



Isolator (Switch Disconnecter)



- Rated current In - 32A, 63A, 100A, 125A
- Poles - 1P, 2P, 3P, 4P
- Rated voltage-230V/400V--240V/415V
- Rated frequency - 50/60Hz
- Standards - IEC/EN 60947-3
- Certificates



Consumer Unit



- Electric ratings - up to 100A, 230V, AC50/60Hz
- No. of mounted units - 3, 5, 8, 10, 12, 14, 15, 18, 20, 24, 28, 36
- On-load current(A) - 100(I phase), 63(3 phase)
- Allowable temperature - rise of frame (K):40
- Protection degree: IP2XC, IP30, IP65
- Standard - IEC/EN 60419-3(IEC/EN 60670-24)

Surge Arrester



- Electric ratings - 230/400V, AC50/60HZ, 3-phase
- Application - Protect electric system are on-loading electrical apparatus from thunder and instantaneous over voltage
- Standards - IEC/EN 61643-1
- Certificates



Change-over Switch



- Electric rating - 230/400V, AC50/60Hz, 1P/2P/3P/4P
- Rated operating current Ie - 32A
- Rated voltage Ue - 250V
- Poles - 1P, 2P
- Standard - IEC60669-1
- Certificates



Air Circuit Breaker



- Fixed type & Drawout type
- Rated current In 200A to 6300A
- Wiring of main circuit - Vertical & horizontal
- Voltage of secondary circuit - AC220V, AC230V, AC380V, AC400V, DC220V, DC100V
- Model of operation - Manual & Power-driven
- Intelligent controller - Standard type & Multifunction type
- Standard - IEC/EN 60947-2
- Certificates



Change-over Switches



- A) Manual Change over Switches
 - Rotary type and handle type
 - Electric rating-AC 50/60Hz, 690V
 - Current rating ranging from 32A up to 1600A
 - Safety Isolation and protection against over current
 - Unique rolling insert type contact system
 - Standards - IEC/EN 60947-3
 - Certificates

- B) Automatic Change-over Switches
 - Current rating up to 3000A
 - Electrical & Mechanical Interlock
 - Auto & Manual Transfer mode
 - Advanced and multipurpose controller on 1 LED digital display
 - Standards - IEC/EN 60947-6-1
 - Certificates



Self-healing Shunt Capacitors



- Application - Energy saving product for
- Improvement of power factor and power quality
- Electric ratings - <AC 1000V
- Rated voltage - 0.4, 0.45, 0.525kV
- Rated frequency - 50Hz or 60Hz
- Rated capacity - 10 - 25 Kvar
- Standards - IEC /EN 60831- 1996



Current Transformers



- Application-To be used in combination with measurement instruments, ammeters, watt-control relays etc
- Secondary current In - 5A
- Rated Voltage - 660V
- Frequency - 50/60Hz
- Installation Type - Busbar or plate fixing
- Standards - IEC /EN 60044-1
- Certificates



Moulded Case Circuit Breaker (MCCBs)

- Fixed Type & Adjustable Type
- Rated current In - 16A to 1600A
- Mounting modes - Vertical & horizontal
- Thermal Magnetic Type & Electronic Type
- Adjustable Thermal and Magnetic Trip
- Breaking capacity up to 150kA
- Motor Driven Operating Mechanism
- Accessories: Shunt Release, Under voltage release, Mechanical interlocked etc.
- Standards - IEC/EN 60947-2
- Certificates



NOARK (Solar solution system supplier)



PVBx Z Series Smart Photovoltaic Combiner Box

- PVBx Z series intelligent PV combiner box could upload and monitor the status of current, voltage, switch and SPD.
- Electrical data is displayed by LED and transferred by the means of RS485
- All components are PV specialized by Noark, voltage of which is up to 1000VDC, it including DC MCCB, MCB, Fuse holder, isolate switch, Surge protective devices, SUR PVP
- Different size of combiner box and different solution to meet different demands of customers.
- Number of mounting units are from 1 to 24.
- Protection degree of IP 65

Monitoring string current and voltage, providing the Modbus RTU output, making combiner box "smart (SUP)

- Standardized products, 4--24strings, the same dimensions of all products
- Double-layer wiring, large aperture thread design
- High accuracy: ±1%RDG+2DGT
- Low-power consumption
- Relay signal output function
- With power-supply module PVR, the monitoring device SUP could be supplied by PV power instead of grid

NEV DC relay

- It used for new energy car, Solar charging station, communication power supply.
- The maximum working voltage is up to 750V DC;
- The mechanical service life is up to one million, the electric life is up to one hundred thousand

Contactors



- General Purpose Contactor, AC Contactors, Power Factor Correction Contactors, Reversing & Changeover Type Contactors
- Rated current In - 6A to 1000A
- Poles - 3R 4P
- Accessories - Time delay block, Mechanical Interlock, Auxiliary Contact, Surge Arrester, etc
- Standards - IEC/EN 60947-4-1
- Certificates



Over-load Relays



- Thermal & Electronic Overload
- Electric Ratings - AC 50/60Hz, 690V, 0.1 A to 630A
- Mounting - Plug In / Independent
- Functions - Phase failure protection, Automatic & Manual reset, Tripping indication
- Standards - IEC 60947-4-1
- Certificates



Soft Starters

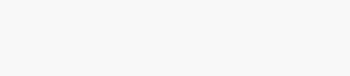
- Electric ratings - AC 50/60Hz, AC 380V, 1.5A to 580A
- Power of controlled motor 7.5kW-315kW
- Product features - Operational protection against overload, input & output phase loss, over current and under current protection, over voltage and under voltage protection
- Certificates



Switches



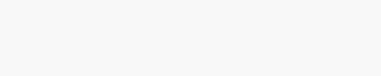
- Electric rating - AC 380V/50Hz/60Hz
- Rated current In - 20A
- Application - Motor start-up, reversion, forward and stopping are controlled by power insertion switch
- Standard - IEC 60497-3



Direct On-line Starter



- Electromagnetic Starter
- Electric ratings - AC 50/60Hz, AC 690V, up to 68A
- Motor Power - From 3kW-37kW
- Standards - IEC/EN 60947-4-1



Relay



- Overvoltage protection - (1.05-1.3)Ue
- Under voltage protection - (0.7-0.95)Ue
- Fault protection time - 0.1-9.9s
- Contact capacity - AC-15 220V 1A
- Standard - IEC/EN 60947-5-1
- Certificates



Pilot Devices



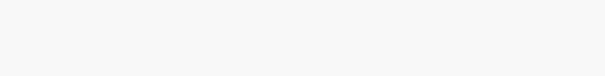
- Push Buttons/Indicator Lights
- Electric ratings - AC 50/60Hz AC 415V /DC 250V
- Degree of Protection - IP 40, IP 54, IP 65
- Rated insulation voltage - 415V
- Conventional thermal current - 10A
- Standard - IEC /EN 60947 -5-1
- Certificates



Inverters



- Input voltage range - 440V/380V/220V(± 15%)
- Input frequency range - (47-63)Hz
- Output voltage range - 0-Rated input voltage
- Output frequency range - Constant torque (0-400Hz), Fans/pumps (0-120Hz)
- Applicable motor power range - 0.75 kW-315kW
- Rated output current - 2.5A-600A
- Standards - IEC 61800-2



LOW VOLTAGE PRODUCTS

Products that we offer to you...

- Switches & Sockets (Colour/White)
- MCBs • RCCBs • Isolators • Surge Arrestors
- Consumer Boxes • MCCBs • MCB Accessories
- Contactors • Contactor Accessories • Power Relays
- Starters • Fuses • Change Over Switches
- Current Transformers • Load Break Switches
- Capacitors • Wall Mounting Enclosures • Pilot Devices
- Air Circuit Breakers • Travel Switches • Panel Boards
- Measurement Instruments/Meters



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