

Miniature Circuit Breakers(MCBs)



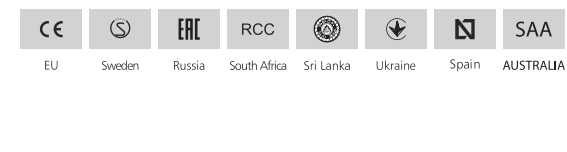
- Rated current I_n - 1A, 2A, 3A, 4A, 6A, 10A, 13A, 16A, 20A, 25A, 32A, 40A, 50A, 60A, 63A
- Poles - 1P, 1P+N, 2P, 3P+N, 4P
- Rated breaking capacity - 3kA-10kA
- Standards and Tripping curves- IEC/EN60898-1: B curve(3-5In), C curve(5-10In), D curve(10-14In); IEC/EN60947-2:(7-10)In, (8-12)In, (9.6-14.4)In; UL1077:(4-7)In, (7-14)In
- Accessories-Auxiliary Contact, Shunt Release, Under voltage release, etc.
- Certificates



Residual Current Operated Circuit Breaker(RCCBs)



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



Surge Arrester



- Electric ratings - 230/400V, AC50/60Hz, 3-phase
- Poles - 1P, 2P, 3P, 4P
- Application - Protect electric system are on-loading electrical apparatus from thunder and instantaneous over voltage
- Standards - IEC/EN 61643-1
- Certificates



Isolator (Switch Disconnecter)



- Rated current I_n - 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



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



NXC



- I_n : 10-1600A
- U_e (VAC): 220/230/240, 380/400/415, 690
- Rated ultimate short-circuit breaking capacity: 15-70kA
- Magnetic & Electronic
- Number of poles: 2P, 3P, 4P
- Installation method: Fixed type; plug-in type
- Standard: IEC 60947-2

NXB



- Electrical rating: with 1 to 125A, with B, C & D curves
- U_e (VAC): 230/400-240/415
- Rated breaking capacity: up to 10kA
- Suitable for accessory fitment
- No Line-Load bias
- Standard: IEC 60898-1 & IEC 60947-2



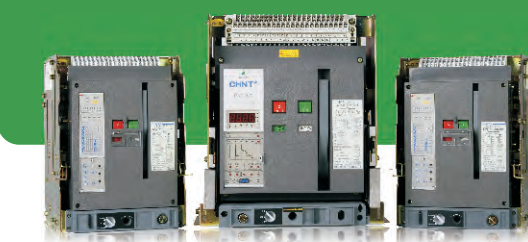
NXM



- I_n : 10-1600A
- U_e (VAC): 220/230/240, 380/400/415, 690
- Rated ultimate short-circuit breaking capacity: 15-70kA
- Magnetic & Electronic
- Number of poles: 2P, 3P, 4P
- Installation method: Fixed type; plug-in type
- Standard: IEC 60947-2



Air Circuit Breaker



- Fixed type & Drawout type
- Rated current I_n 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 unit
 - LED digital display
 - Standards - IEC/EN 60947-6-1
 - Certificates



Change-over Switch



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

Current Transformers



- Application-To be used in combination with measurement instruments, ammeters, watt-control relays etc
- Secondary current I_n - 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 I_n - 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, SUP, 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, 4~24 strings, the same dimensions of all products
- Double-layer wiring, large aperture thread design
- High accuracy: $\pm 1\%$ RDG+2DGT
- Low-power consumption
- Relay signal output function
- With power-supply module PVP, 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 800A
- Poles - 3P 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, 15A 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 - IEC60947-5-1
- 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

- Global Presence in over 140 Countries



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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