

MCB (Miniature Circuit Breaker)

- Range : PLSM/PLHT/PLS6 DC

- Contact position indicator : red/green -

- Rated Current : 0.5 A To 63A To 125 A

- Rated Voltage : AC 230/400VDC48V/60V/250V

- Full range of accessories : Shunt UV, auxiliary Switch , trip Contact, Remote operation

- connection as per polarity marking on the product



MCCB (Molded case circuit-breakers)



NZM1 up to 160 A
NZM 2 up to 300 A
NZM3 up to 630 A
AC/DC Sensitive



Power Contactor

- Power Contactor – AC & DC Operated , 3 Pole
- AC Operated Low Coil Consumption : Energy Savings
- DC Operated Electronic Actuated coil as standard
from 17 A – 170 A, Optional 185 A onwards
- Coil Terminals on front as standard for quick & easy Wiring
- Type 2 Coordinated starters with PKZ MPCB,s & NZM
- MCCB



Auxiliary Contactor



- ✓ Up to 4 Add on Auxiliary contacts
- ✓ Accessories Mechanical Interlock ,
- ✓ DILEM,3 POLE ,DILER, 3 POLE,



DILK – Contactors for capacitors

- **Group compensation / 12,5 to 50 KVAR at 400V**
- **Voltage: up to 690V at 50 – 60 Hz**
- **Weld resistance with inrush current up to 180 x IN**
- **Electrical lifespan 0.15 x 10⁶ Switches**



Overload Relay



ZE...

- ❖ **Test / off Push Button**
- ❖ **Reset Push Button Manual / Auto**
- ❖ **Trip -Free Release**
- ❖ **Direct Mounting**
- ❖ **Overload Relay**
- ❖ **1 N/O + 1 N/C**



ZB12



Electronic overload relay ZEB



- Self supplied electronic overload relay
- Relation internal current transformer 5:1
- Ampere range 0.3A...1500A
 - Up to 100A single devices
 - Above 100A device + additional current transformer



RCCB - Residual Current Circuit Breaker

RCCB



- ✓ Shape compatible with and suitable for standard busbar connection to other devices of the P-series
- ✓ Busbar positioning options (above or below)



RCBO(RCD+MCB)Type PKNM



Specifications

- Rated Breaking Capacity : 6 KA & 10 KA
- Rated Current 2A -40 A
- Operational voltage range 196-253 V



RCD (Residual current device) - Electromechanical

Range



- **Rated current:** 16, 25, 40, 63, 80, 100, 125 A
- **Number of poles:** 2P, 4P
- **Sensitivity :** 10, 30, 100, 300, 500 mA



- **Special application specific Versions**
 - Lamp-proof
 - Frequency converter proof
 - X-Ray-proof type
 - Relay type





IZNX Series Air Circuit Breakers

- Versatile Circuit Breakers up to 4000 A – for Cost –effective, optimized solutions
- LCD Display with multilingual capability
- “Off “ Setting available for ground fault(G) and non-delayed instantaneous trip(I)



Pushbuttons, Pilot Lights and Selector Switches



- Standard Pushbuttons rated to five million mechanical operations
- All illuminated devices feature LED light units rated to 100,000 hours
- Field-convertible pushbuttons and selector switches (momentary/maintained)
- Most components carry an IP67/69k rating, suitable for high temperature, high-pressure wash down environments
- Laser etched button-lenses and all other front-of-panel accessories can be shared with the M22 line



DB(Distribution Board)

Distribution Board



Specifications

- Application Standard Bs EN: 50298/IS 13032 : 91
 - Incomer options for 100A Isolator or/and 40A-100A
 - Busbar system available in both split and non-split variants
 - Removable glands plate in Flush version
 - Knock outs are provided on top/bottom
- Reliable & safe operation assured through KEMA testing & certifications

