



### T2 MCCB 36KA 250A 4P

- Wide range of fault interruption ratings from 25 to 200kA to cater for a wide spectrum of applications
- MCCB sizes available from 16 to 1600A with various common frames and common accessories
- Customer fit accessories available to enable quick and easy configuration
- Basic or Advanced trip units such AC/DC thermal magnetic, AC electronic, metering and communications types are available

Representative Photo Only  
(actual product may vary based on configuration selections)

#### SPECIFICATIONS

|                                                                    |                                         |
|--------------------------------------------------------------------|-----------------------------------------|
| Component Type MCCB                                                | AC MCCB                                 |
| In, Rated Current at 45°C                                          | 250 A @45°C                             |
| Un, Nominal Operational Voltage, AC                                | 690 V AC                                |
| Icu, Rated Ultimate Short-Circuit Breaking Capacity, 250V DC       | 40 kA                                   |
| Ics, Rated Service Short-Circuit Breaking Capacity, AC (IEC 60947) | 100 % Icu                               |
| Icu, Rated Ultimate Short-Circuit Breaking Capacity, 220/240V AC   | 65 kA                                   |
| Icu, Rated Ultimate Short-Circuit Breaking Capacity, 400/415V AC   | 36 kA                                   |
| Icu, Rated Ultimate Short-Circuit Breaking Capacity, 440V AC       | 25 kA @440VAC                           |
| Icu, Rated Ultimate Short-Circuit Breaking Capacity, 525V AC       | 25 kA                                   |
| Icu, Rated Ultimate Short-Circuit Breaking Capacity, 690V AC       | 7.5 kA                                  |
| Frame Size                                                         | 250 AF size                             |
| Number of Poles                                                    | 4                                       |
| Ui, Rated Insulation Voltage                                       | 800 V (rms)                             |
| Height                                                             | 165 mm                                  |
| Width                                                              | 140 mm                                  |
| Depth                                                              | 68 mm                                   |
| Weight                                                             | 1.9 kg                                  |
| Standard Installation Method                                       | Front Connection                        |
| Reverse Connection Of Supply Possible                              | Yes                                     |
| Electrical Service Life at Un, In                                  | 10000 cycles                            |
| Mechanical service life                                            | 30000 cycles                            |
| Trip Unit Protection Type                                          | Adjustable thermal, adjustable magnetic |

# Catalogue No: **S250NJ4250**

## T2 MCCB 36kA 4P 250A

Power Distribution and Protection > Circuit Breakers > Moulded Case Circuit Breakers > Terasaki TemBreak 2 Moulded Case Circuit Breakers > TemBreak 2 250 AF > Thermal Magnetic 250 AF 36kA



|                                |                                                                                                                                                                        |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Thermal Trip Type              | Adjustable type                                                                                                                                                        |
| Ir, Thermal Trip Current, Min  | 160 A                                                                                                                                                                  |
| Ir, Thermal Trip Current, Max  | 250 A                                                                                                                                                                  |
| Magnetic Trip Type             | Adjustable type                                                                                                                                                        |
| Im, Magnetic Trip Current, Min | 1500 A                                                                                                                                                                 |
| Im, Magnetic Trip Current, Max | 2000 A                                                                                                                                                                 |
| Standards Compliance           | IEC 60947-2<br>EN 60947-2<br>JIS C 8201-2-1 Ann.1<br>AS/NZS 60947-2<br>NEMA AB1                                                                                        |
| Certifications                 | CE<br>ASTA                                                                                                                                                             |
| Shipping Approvals             | ABS (American Bureau of Shipping)<br>Lloyd's Register of Shipping<br>BV (Bureau Veritas)<br>DNV-GL (Det Norske Veritas Germanischer Lloyd)<br>NK (Nippon Kaiji Kyokai) |

### REFERENCES

|                                             |   |
|---------------------------------------------|---|
| IECEX Certificate                           | - |
| Supplier Declaration of Conformity:         | - |
| Installation Guide:                         | - |
| User Manual:                                | - |
| Manufacturer Datasheet:                     | - |
| Manufacturer Catalogue & Product Selection: | - |