Catalogue No: **E125NJ332**

TB2 MCCB 25kA 3P 32A THERMAL MAGNETIC

Power Distribution and Protection > Circuit Breakers > Moulded Case Circuit Breakers > Terasaki TemBreak 2 Moulded Case Circuit Breakers > TemBreak 2 125 AF > Thermal Magnetic 125 AF 25kA

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

Tembreak2 Moulded Case Circuit Breaker 25kA, 32 A, 3 Pole

- 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
- The range complies with AS/NZS IEC 60947-2

| SPECIFICATIONS | |
|---|---|
| Product Series | TemBreak 2 MCCB |
| Component Type MCCB | AC MCCB |
| Rated Frequency | 50 / 60 Hz Hz |
| In, Rated Current at 45°C | 32 A @45°C |
| Ics, Rated Service Short-Circuit Breaking Capacity, DC | 76 % Icu |
| Icu, Rated Ultimate Short-Circuit Breaking Capacity, 250V DC | 25 kA @250VDC |
| Ics, Rated Service Short-Circuit Breaking Capacity, AC (IEC 60947) | 76 % Icu |
| Ics, Rated Service Short-Circuit Breaking Capacity, 525V AC | 6 kA |
| Icu, Rated Ultimate Short-Circuit Breaking Capacity, 240V AC | 35 kA @240VAC |
| Icu, Rated Ultimate Short-Circuit Breaking Capacity, 400/415V AC | 25 kA @400/415VAC |
| Icu, Rated Ultimate Short-Circuit Breaking Capacity, 440V AC | 15 kA @440VAC |
| Icu, Rated Ultimate Short-Circuit Breaking Capacity, 525V AC | 8 kA @525VAC |
| Uimp, Impulse Withstand Voltage | 8 kV |
| Frame Size | 125 AF size |
| Poles | 3P |
| Number of Poles | 3 |
| Ui, Rated Insulation Voltage | 800 V (rms) |
| Height | 155 mm |
| Width | 90 mm |
| Depth | 68 mm |
| Weight | 1.1 kg |
| Standard Installation Method | Front Connection |
| Reverse Connection Of Supply Possible | Yes |
| Electrical Service Life at Un, In | 30000 cycles |

| | |
|---|---|
| Mechanical service life | 30000 cycles |
| Standards Compliance | IEC 60947-2<br>EN 60947-2<br>JIS C 8201-2-1 Ann.1<br>NEMA AB1<br>AS/NZS 60947-2 |
| Trip Unit Protection Type | Adjustable thermal, adjustable magnetic |
| Thermal Trip Type | Adjustable type |
| Ir, Thermal Trip Current, Min | 20 A |
| Ir, Thermal Trip Current, Max | 32 A |
| Magnetic Trip Type | Adjustable type |
| Im, Magnetic Trip Current, Min | 192 A |
| Im, Magnetic Trip Current, Max | 384 A |
| Certifications | ASTA |
| Shipping Approvals | ABS (American Bureau of Shipping)<br>BV (Bureau Veritas)<br>DNV-GL (Det Norske Veritas Germanischer Lloyd)<br>Lloyd's Register of Shipping<br>NK (Nippon Kaiji Kyokai) |

## REFERENCES

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