

Catalogue No: **S125GJ4125**

TB2 MCCB 65kA 4P 125A 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 65kA



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

T2 MCCB 65kA 125A 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
- 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 |
| Ue, Rated Operational Voltage, AC, max | 690 V AC |
| In, Rated Current at 45°C | 125 A @45°C |
| Ics, Rated Service Short-Circuit Breaking Capacity, DC | 100 % Icu |
| Icu, Rated Ultimate Short-Circuit Breaking Capacity, 250V DC | 40 kA @250VDC |
| Ics, Rated Service Short-Circuit Breaking Capacity, AC (IEC 60947) | 55 % Icu |
| Ics, Rated Service Short-Circuit Breaking Capacity, 525V AC | 22 kA |
| Ics, Rated Service Short-Circuit Breaking Capacity, 690V AC | 6 kA |
| Icu, Rated Ultimate Short-Circuit Breaking Capacity, 240V AC | 85 kA @240VAC |
| Icu, Rated Ultimate Short-Circuit Breaking Capacity, 400/415V AC | 65 kA @400/415VAC |
| Icu, Rated Ultimate Short-Circuit Breaking Capacity, 440V AC | 50 kA @440VAC |
| Icu, Rated Ultimate Short-Circuit Breaking Capacity, 525V AC | 25 kA @525VAC |
| Icu, Rated Ultimate Short-Circuit Breaking Capacity, 690V AC | 6 kA @690VAC |
| Uimp, Impulse Withstand Voltage | 8 kV |
| Frame Size | 125 AF size |
| Poles | 4P |
| Number of Poles | 4 |
| Ui, Rated Insulation Voltage | 800 V (rms) |
| Height | 155 mm |
| Width | 120 mm |
| Depth | 68 mm |

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| | |
|---------------------------------------|--|
| Weight | 1.4 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 JIS C 8201-2-1 Ann.1 EN 60947-2 AS/NZS 60947-2 NEMA AB1 |
| Trip Unit Protection Type | Adjustable thermal, adjustable magnetic |
| Thermal Trip Type | Adjustable type |
| Ir, Thermal Trip Current, Min | 80 A |
| Ir, Thermal Trip Current, Max | 125 A |
| Magnetic Trip Type | Adjustable type |
| Im, Magnetic Trip Current, Min | 750 A |
| Im, Magnetic Trip Current, Max | 1250 A |
| Certifications | CE ASTA |
| Shipping Approvals | ABS (American Bureau of Shipping) Lloyd's Register of Shipping BV (Bureau Veritas) DNV-GL (Det Norske Veritas Germanischer Lloyd) NK (Nippon Kaiji Kyokai) |

REFERENCES

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