

# Catalogue No: **E125NJ350**

## TB2 MCCB 25kA 3P 50A 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, 50 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
Ue, Rated Operational Voltage, AC, max	525 V AC
In, Rated Current at 45°C	50 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

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Electrical Service Life at Un, In	30000 cycles
Mechanical Service Life	30000 cycles
Standards Compliance	IEC 60947-2 EN 60947-2 JIS C 8201-2-1 Ann.1 NEMA AB1 AS/NZS 60947-2
Trip Unit Protection Type	Adjustable thermal, adjustable magnetic
Thermal Trip Type	Adjustable type
I <sub>r</sub> , Thermal Trip Current, Min	32 A
I <sub>r</sub> , Thermal Trip Current, Max	50 A
Magnetic Trip Type	Adjustable type
I <sub>m</sub> , Magnetic Trip Current, Min	300 A
I <sub>m</sub> , Magnetic Trip Current, Max	600 A
Certifications	ASTA
Shipping Approvals	ABS (American Bureau of Shipping) BV (Bureau Veritas) DNV-GL (Det Norske Veritas Germanischer Lloyd) Lloyd's Register of Shipping NK (Nippon Kaiji Kyokai)

### REFERENCES

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