

# Catalogue No: **S800NJ3800**

## TB2 MCCB 50kA 3P 800A THERMAL MAGNETIC

Power Distribution and Protection > Circuit Breakers > Moulded Case Circuit Breakers > Terasaki TemBreak 2 Moulded Case Circuit Breakers > TemBreak 2 1000 AF > Thermal Magnetic 800A 1000 AF 50kA



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

### T2 MCCB 800A 3P 50KA THERMAL MAGNETIC

- 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
In, Rated Current at 45°C	800 A @45°C
Un, Nominal Operational Voltage, AC	690 V AC
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 250V DC	50 kA @250VDC
Ics, Rated Service Short-Circuit Breaking Capacity, AC (IEC 60947)	100 % Icu
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 220/240V AC	85 kA @220/240VAC
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 400/415V AC	50 kA @400/415VAC
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 440V AC	50 kA @440VAC
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 690V AC	20 kA @690VAC
Frame Size	800 AF size
Number of Poles	3
Ui, Rated Insulation Voltage	800 V (rms)
Height	273 mm
Width	210 mm
Depth	103 mm
Weight	8.5 kg
Standard Installation Method	Front Connection
Reverse Connection Of Supply Possible	Yes
Electrical Service Life at Un, In	4000 cycles
Mechanical Service Life	10000 cycles
Standards Compliance	AS 60947-2 AS/NZS 3947.2 IEC 60947-2
Trip Unit Protection Type	Adjustable thermal, adjustable magnetic

# Catalogue No: **S800NJ3800**

## TB2 MCCB 50kA 3P 800A THERMAL MAGNETIC

Power Distribution and Protection > Circuit Breakers > Moulded Case Circuit Breakers > Terasaki TemBreak 2 Moulded Case Circuit Breakers > TemBreak 2 1000 AF > Thermal Magnetic 800A 1000 AF 50kA



Thermal Trip Type	Adjustable type
I <sub>r</sub> , Thermal Trip Current, Min	504 A
I <sub>r</sub> , Thermal Trip Current, Max	800 A
Magnetic Trip Type	Adjustable type
I <sub>m</sub> , Magnetic Trip Current, Min	4000 A
I <sub>m</sub> , Magnetic Trip Current, Max	8000 A
Certifications	CE

### REFERENCES

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