

Catalogue No: **S160NJ3100**

TB2 MCCB 36kA 3P 100A THERMAL MAGNETIC

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



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

T2 MCCB 36KA 100A 3P

- 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	100 A @45°C
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 250V DC	40 kA @250VDC
Ics, Rated Service Short-Circuit Breaking Capacity, AC (IEC 60947)	100 % Icu
Ics, Rated Service Short-Circuit Breaking Capacity, 525V AC	18 kA
Ics, Rated Service Short-Circuit Breaking Capacity, 690V AC	7.5 kA
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 240V AC	42 kA @240VAC
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 400/415V AC	36 kA @400/415VAC
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 440V AC	25 kA @440VAC
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 525V AC	25 kA @525VAC
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 690V AC	7.5 kA @690VAC
Uimp, Impulse Withstand Voltage	8 kV
Frame Size	250 AF size
Poles	3P
Number of Poles	3
Ui, Rated Insulation Voltage	800 V (rms)
Height	165 mm
Width	105 mm
Depth	68 mm
Weight	1.5 kg

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Standard Installation Method	Front Connection
Reverse Connection Of Supply Possible	Yes
Electrical Service Life at Un, In	20000 cycles
Mechanical Service Life	30000 cycles
Standards Compliance	IEC 60947-2 EN 60947-2 JIS C 8201-2-1 Ann.1 AS/NZS 60947-2 NEMA AB1
Trip Unit Protection Type	Adjustable thermal, adjustable magnetic
Thermal Trip Type	Adjustable type
I _r , Thermal Trip Current, Min	63 A
I _r , Thermal Trip Current, Max	100 A
Magnetic Trip Type	Adjustable type
I _m , Magnetic Trip Current, Min	600 A
I _m , Magnetic Trip Current, Max	1200 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:	-