

# Catalogue No: H125NJ350

## TB2 MCCB 125kA 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 125kA



T2 MCCB 125kA 50A 3P

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

### SPECIFICATIONS

Product Series	TemBreak 2 MCCB
Component Type MCCB	MCCB AC
Poles	3P
Frame Size	125 AF size
Rated Frequency	50 / 60 Hz
Trip Unit Protection Type	Adjustable Thermal Adjustable Magnetic
Ue, Rated Operational Voltage, AC, max	690 V AC
Uimp, Impulse Withstand Voltage	8 kV
Ui, Rated Insulation Voltage	800 V (rms)
In, Rated Current at 45°C	50 A @45°C
Ics, Rated Service Short-Circuit Breaking Capacity, AC (IEC 60947)	68 % Icu
Ics, Rated Service Short-Circuit Breaking Capacity, DC	100 % Icu
Ics, Rated Service Short-Circuit Breaking Capacity, 525V AC	45 kA
Ics, Rated Service Short-Circuit Breaking Capacity, 690V AC	15 kA @690VAC
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 250V DC	40 kA @250VDC
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 240V AC	150 kA @240VAC
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 400/415V AC	125 kA @400/415VAC
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 440V AC	120 kA @440VAC
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 525V AC	45 kA @525VAC
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 690V AC	20 kA @690VAC
Number of Poles	3
Height	165 mm
Width	105 mm

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Depth	103 mm
Weight	2.4 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 EN 60947-2 JIS C 8201-2-1 Ann.1 AS/NZS 60947-2 NEMA AB1
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	CE ASTA
Shipping Approvals	Contact NHP

### REFERENCES

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

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