

Catalogue No: **P250-F-3-160-BE**

TBP MCCB 250 FRAME 36kA 3P 160A BASIC ELECTRONIC

Power Distribution and Protection > Circuit Breakers > Moulded Case Circuit Breakers > TemBreak PRO Moulded Case Circuit Breaker > TemBreak PRO 250 AF > 3 Pole



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

- General purpose power distribution, motor starting as well as energy metering and communications
- Current limiting device, reduces fault let through energy for increased installation safety
- Direct opening and indication of main contact status – maximising machine and user safety
- Complies to AS / NZS 60947-2, IEC 60947-2 and CE
- Panel mount standard, with other mounting options
- 3 or 4 pole versions
- Suits XBP and XCP chassis, with panelboard options
- Fault ratings: 25, 36, 50, 70, 125 or 200 kA
- Trip unit options include thermal magnetic or electronic types

SPECIFICATIONS

Switching Poles	3P
Component Type MCCB	MCCB AC
Frame Size	250 AF size
Rated Frequency	50 / 60 Hz
Suitable for Distribution Switchboard or MCC	Yes
Trip Unit Rating	160 A
Trip Unit Protection Type	Electronic LSI (BE Type)
In, Rated Current at 30°C	160 A @30°C
In, Rated Current at 35°C	160 A @35°C
In, Rated Current at 40°C	160 A @40°C
In, Rated Current at 45°C	160 A @45°C
In, Rated Current at 50°C	160 A @50°C
In, Rated Current at 55°C	160 A @55°C
In, Rated Current at 60°C	160 A @60°C
In, Rated Current at 65°C	160 A @65°C
In, Rated Current at 70°C	155.2 A @70°C
Icm, Rated Short-Circuit Making Capacity, 690V AC	6 kA
Ics, Rated Service Short-Circuit Breaking Capacity, 415V AC	36 kA @415VAC
Power Loss	18.3 W
AC Power loss per pole at full rated current	6.14 W
Number of Poles	3
Depth (toggle included)	95.5 mm
Width	105 mm
Weight	1.5 kg
Electrical Life	10000 cycles
Mechanical Life	30000 cycles
li INST Adjustment (min / max x In)	3 – 11 x In
Long Delay Overload Protection (LTD): Deactivation	Yes

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Long Time Delay Protection (LTD): Type of time delay	Adjustable
Long Time Delay Protection (LTD): Current adjustment steps	9
Long Time Delay Protection (LTD): Fine tune adjustment steps	9
Short Time Delay protection (STD): Type of time delay	Adjustable
Short Time Delay protection (STD): Current adjustment steps	1.5 - 10 x Ir
Short Time Delay (STD): OFF setting	Selectable
Cable Cross Section (Min)	35 mm ²
Cable Cross Section (Max)	185 mm ²
Terminal Type	Bolt-Terminal
Pollution Degree	3
DIN rail mounting with optional adapter	No
Suitable for Panel Mounting	Yes
Rated temperature of trip unit	70 °C
Storage Temperature, Min	-10 °C min
Storage Temperature, Max	70 °C max
Operating Temperature, Max	70 °C max
Ir, Thermal Trip Current, Min	63 A
Ir, Thermal Trip Current, Max	160 A
Vibration Acceleration (Max.)	19 m/s ²
Vibration Frequency, Operational (Max.)	16.7 Hz
Vibration Duration (Max.)	12 min
Certifications	CE DEKRA RCM
Shipping Approvals	Contact NHP

REFERENCES

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