

# Catalogue No: **A160-E1-3-100-TF**

## TBP MCCB 160 FRAME 25kA 25PP 3P 100A ADJ THERM FIX MAG

Power Distribution and Protection > Circuit Breakers > Moulded Case Circuit Breakers > TemBreak PRO Moulded Case Circuit Breaker > TemBreak PRO 160 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
- 1, 2, 3 or 4 pole versions
- Suits XEP chassis, with panelboard options
- Fault ratings: 25, 36, 50, 70, 125 or 200 kA
- Trip unit options include thermal magnetic or electronic types

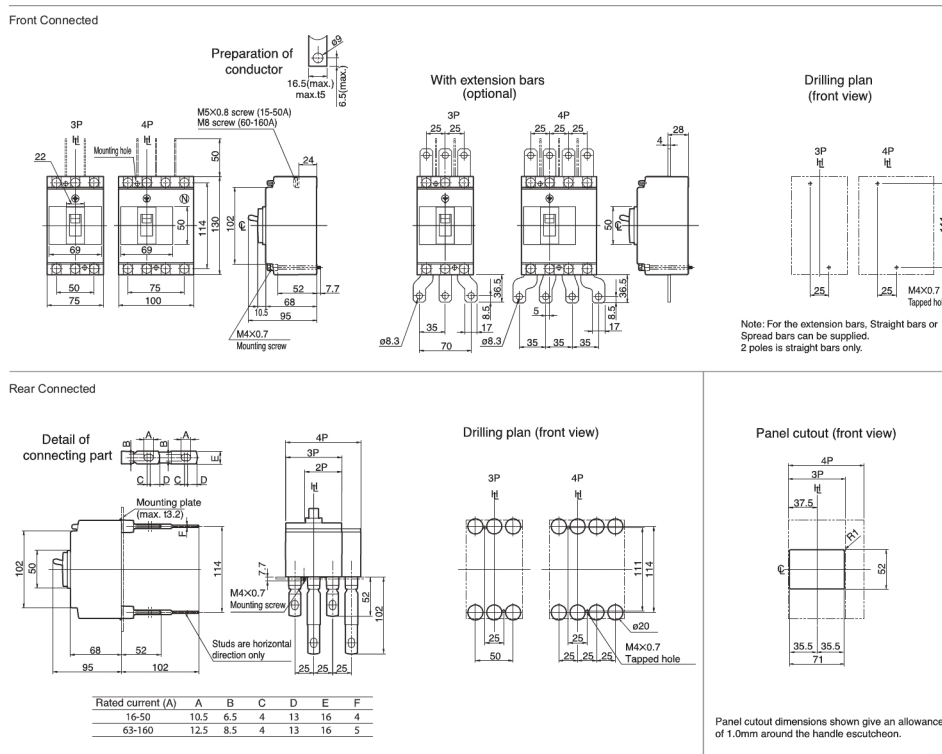
### SPECIFICATIONS

Switching Poles	3P
Component Type MCCB	MCCB AC
Frame Size	160 AF size
Suitable for Distribution Switchboard or MCC	Yes
Trip Unit Rating	100 A
Utilisation Voltage ( min - max)	24 V AC to 525 / 690 V AC, 250 V DC
In, Rated Current at 30°C	100 A @30°C
In, Rated Current at 35°C	100 A @35°C
In, Rated Current at 40°C	100 A @40°C
In, Rated Current at 45°C	100 A @45°C
In, Rated Current at 50°C	100 A @50°C
In, Rated Current at 55°C	94 A @55°C
In, Rated Current at 60°C	91 A @60°C
In, Rated Current at 65°C	88 A @65°C
In, Rated Current at 70°C	85 A @70°C
AC Power loss per pole at full rated current	11.4 W
Number of Poles	3
Depth (toggle included)	95 mm
Width	75 mm
Weight	0.8 kg
Electrical Life	10000 cycles
Mechanical Life	20000 cycles
Altitude, Operating (No Derating)	2000 m
Cable Cross Section (Min)	1.5 mm <sup>2</sup>
Cable Cross Section (Max)	70 mm <sup>2</sup>
Terminal Type	Screw Terminal(s)
Pollution Degree	3
DIN rail mounting with optional adapter	Yes

Suitable for Panel Mounting	Yes
Standards Compliance	AS/NZS 60947-2
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	100 A
Im, Magnetic Trip Current	1500 A
Vibration Acceleration (Max.)	19 m/s²
Vibration Frequency, Operational (Max.)	16.7 Hz
Vibration Duration (Max.)	12 min
Certifications	CE DEKRA
Shipping Approvals	Contact NHP

## REFERENCES

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



### Dimension Diagram