

Catalogue No: **A160-E1-3-80-TF**

TBP MCCB 160 FRAME 25kA 25PP 3P 80A 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	80 A
Utilisation Voltage (min - max)	24 V AC to 525 / 690 V AC, 250 V DC
In, Rated Current at 30°C	80 A @30°C
In, Rated Current at 35°C	80 A @35°C
In, Rated Current at 40°C	80 A @40°C
In, Rated Current at 45°C	80 A @45°C
In, Rated Current at 50°C	80 A @50°C
In, Rated Current at 55°C	74 A @55°C
In, Rated Current at 60°C	74 A @60°C
In, Rated Current at 65°C	70 A @65°C
In, Rated Current at 70°C	69 A @70°C
Power Loss	30.4 W
AC Power loss per pole at full rated current	10.1 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 ²
Cable Cross Section (Max)	70 mm ²
Terminal Type	Screw Terminal(s)
Pollution Degree	3

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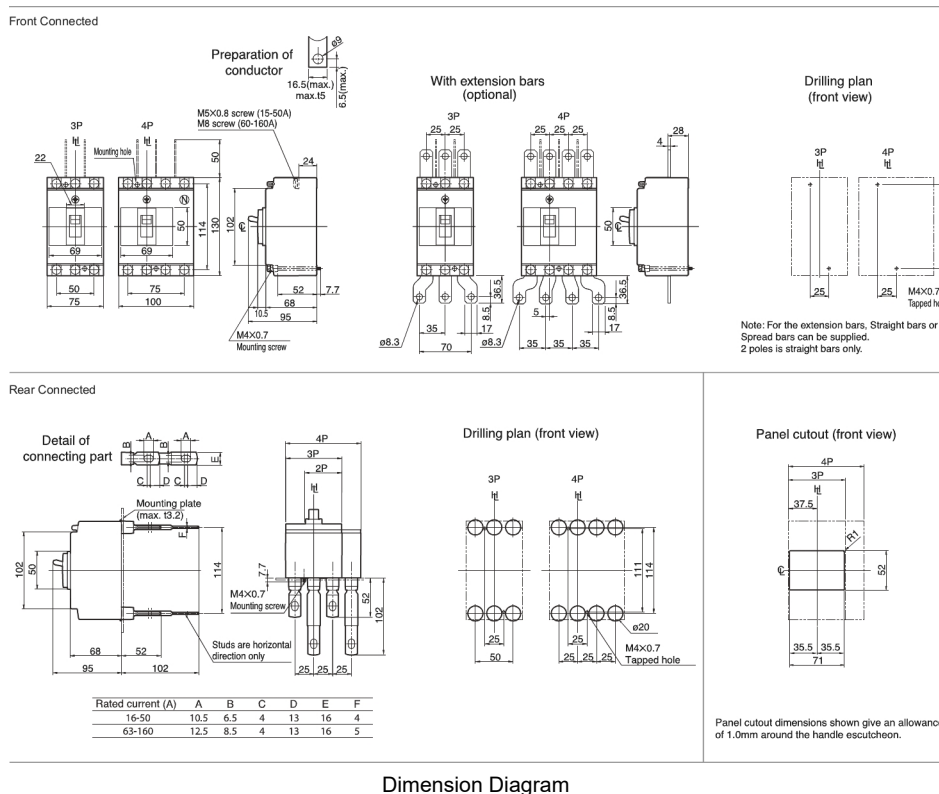
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NHP

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
I _r , Thermal Trip Current, Min	50 A
I _r , Thermal Trip Current, Max	80 A
I _m , Magnetic Trip Current	1000 A
Vibration Acceleration (Max.)	19 m/s ²
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:	-



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