

Catalogue No: **P400D3400NN**

TBP MCCB 400 FRAME 3P 400A NON AUTO SWITCH

Power Distribution and Protection > Circuit Breakers > Moulded Case Circuit Breakers > TemBreak PRO Moulded Case Circuit Breaker > TemBreak PRO 400 AF > 3 Pole



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

- Non-Auto switch disconnecter for power distribution
- AC23 and DC23 ratings for motor starting use
- No overcurrent protection (isolator only)
- Direct opening and indication of main contact status – maximising machine and user safety
- Complies to AS / NZS 60947-3, IEC 60947-3 and CE
- Panel mount standard, other connection options
- Wide range of accessories for application flexibility, including OFF padlock device
- Accepts standard MCCB internal and external accessories
- 3 pole versions
- Suits HC chassis, 1250 A - 2200 A main bar options
- 260 mm (H), 103 mm (D), 45 mm pole centres
- I_{CW} = 5 kA for 1.0 sec: Rated short time withstand rating
- I_{CM} = 7.6 kA: Rated short circuit making capacity

SPECIFICATIONS

Switching Poles	3P
Utilisation Category	A
Component Type MCCB	MCCB AC
Model	P
Frame Size	400 AF size
Rated Frequency	50 / 60 Hz
Connection Mode	Cable Tunnel Clamp (Option) Extension Bar (Option) Front Connection Plug-in PM (Option) Plug-in UPX (Option) Rear Connection (Option) Withdrawable Rack-out Mechanism (Option)
Suitable for Distribution Switchboard or MCC	Yes
Trip Unit Rating	400 A
Trip Unit Protection Type	Non-auto Switch Disconnecter
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 30°C	400 A @30°C
In, Rated Current at 35°C	400 A @35°C
In, Rated Current at 40°C	400 A @40°C
In, Rated Current at 45°C	400 A @45°C
In, Rated Current at 50°C	400 A @50°C
In, Rated Current at 55°C	380 A @55°C
In, Rated Current at 60°C	369 A @60°C
In, Rated Current at 65°C	358 A @65°C
In, Rated Current at 70°C	321 A @70°C
Icm, Rated Short-Circuit Making Capacity, 690V AC	7.6 kA
AC Power loss per pole at full rated current	28 W

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Number of Poles	3
Depth (toggle included)	145 mm
Height	260 mm
Width	140 mm
Weight	5.4 kg
Dielectric Strength	2500 V AC
Electrical Life	6000 cycles
Mechanical Life	15000 cycles
Altitude, Operating (No Derating)	2000 m
Cable Cross Section (Min)	35 mm ²
Cable Cross Section (Max)	400 mm ²
Terminal Type	Bolt-Terminal
Tightening Torque, Min	13.7 Nm
Tightening Torque, Max	22.5 Nm
Pollution Degree	3
DIN rail mounting with optional adapter	No
Suitable for Panel Mounting	Yes
Suitable for Mounting on Chassis	XCP Chassis
Withdrawable	Yes
Standards Compliance	AS/NZS 60947-3 IEC 60947-3
Rated temperature of trip unit	50 °C
Storage Temperature, Min	-10 °C min
Storage Temperature, Max	70 °C max
Operating Temperature, Min	-5 °C min
Operating Temperature, Max	70 °C max
Relative Humidity, Max	85 %RH
Icw, Rated Short Circuit Withstand Current 400/690V	5 kA / 1 Sec kA / Sec
General Accessories	Alarm Switch Auxiliary Switches Handle Operators Interpole Barriers Locking Devices Mechanical Interlock Motor Operator Shunt Trip Terminal Covers Under Voltage Trip
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

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NHP

REFERENCES

IECEx Certificate -

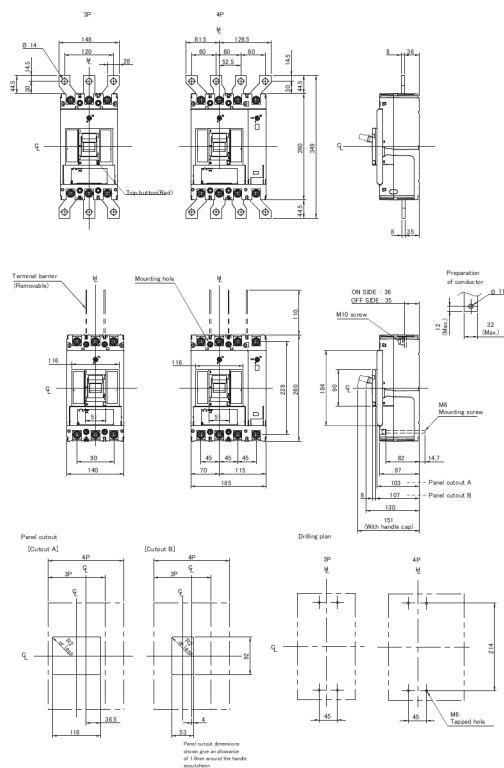
Supplier Declaration of Conformity: -

Installation Guide: -

User Manual: -

Manufacturer Datasheet: -

Manufacturer Catalogue & Product Selection: -



Dimension Diagram