

Catalogue No: **B800H3630BEG**

TBP MCCB B800 FRAME 70kA 3P 630A BASIC ELECTRONIC W/GF

Power Distribution and Protection > Circuit Breakers > Moulded Case Circuit Breakers > TemBreak PRO Moulded Case Circuit Breaker > TemBreak PRO 800 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
- Fault ratings: 36, 50, 70, 100, 125 or 200 kA
- Trip unit options include Thermal magnetic or electronic types

SPECIFICATIONS

Switching Poles	3P
Component Type MCCB	MCCB AC
Frame Size	800 AF size
Rated Frequency	50 / 60 Hz
Connection Mode	Draw-out (Option) Extension Bar Front Connection Rear Connection (Option)
Suitable for Distribution Switchboard or MCC	Yes
Trip Unit Rating	630 A
Trip Unit Protection Type	Electronic LSIG (BEG Type)
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	630 A @30°C
In, Rated Current at 45°C	630 A @45°C
In, Rated Current at 50°C	630 A @50°C
Ics, Rated Service Short-Circuit Breaking Capacity, 415V AC	50 kA @415VAC
Ics, Rated Service Short-Circuit Breaking Capacity, 690V AC	20 kA @690VAC
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 220/240V AC	100 kA @220/240VAC
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 415V AC	70 kA @415VAC
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 690V AC	25 kA @690VAC
AC Power loss per pole at full rated current	63.33 W
Number of Poles	3
Depth (toggle included)	145 mm
Height	273 mm
Width	210 mm

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Weight	9.1 kg
Dielectric Strength	2500 V AC
Electrical Life	4000 cycles
Mechanical Life	10000 cycles
li INST Adjustment (min / max x In)	14 - 12 x In
Short Time Delay protection (STD): Current adjustment steps	2.5 - 10 x Ir
Terminal Type	Extension Bar With Bolt holes
Tightening Torque, Min	40.2 Nm
Tightening Torque, Max	65.7 Nm
Pollution Degree	3
DIN rail mounting with optional adapter	No
Suitable for Panel Mounting	Yes
Suitable for Mounting on Chassis	HC Chassis, Except B800P / R
Withdrawable	Yes
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	10 kA / 0.3 Sec kA / Sec
Ir, Thermal Trip Current, Min	252 A
Ir, Thermal Trip Current, Max	630 A
General Accessories	Alarm Switch Auxiliary Switches Handle Operators Interpole Barriers Locking Devices Mechanical Interlock Motor Operator Shunt Trip Terminal Covers Under Voltage Trip
Terminal Bar Connection	Cable or Busbar
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

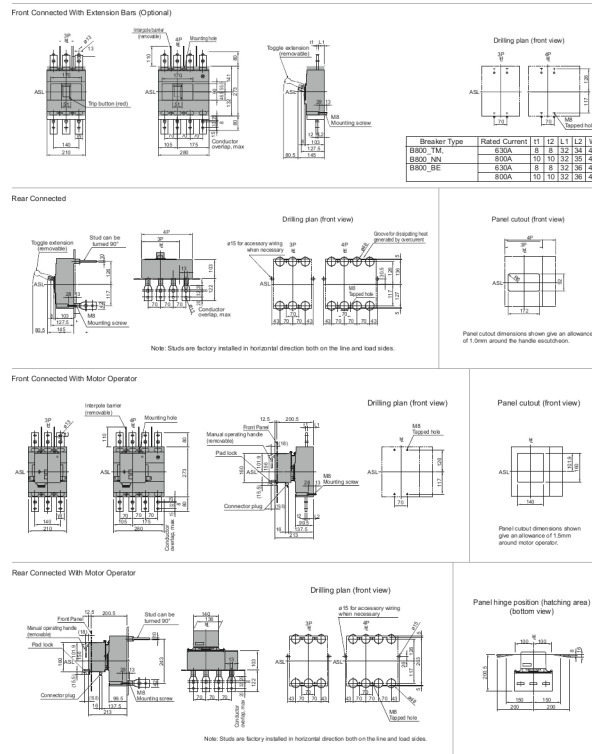
IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-

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Dimension Diagram