Catalogue No: **P630-F-3-630-BE**

TBP MCCB 630 FRAME 36kA 3P 630A BASIC ELECTRONIC

Power Distribution and Protection > Circuit Breakers > Moulded Case Circuit Breakers > TemBreak PRO Moulded Case Circuit Breaker > TemBreak PRO 630 AF > 3 Pole





 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; 25, 36, 50, 70 or 110 kA
- Trip unit options include Thermal magnetic or electronic types

SPECIFICATIONS	
Switching Poles	3P
Component Type MCCB	MCCB AC
Model	Р
Frame Size	630 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)
Suitable for Distribution Switchboard or MCC	Yes
Trip Unit Rating	630 A
Trip Unit Protection Type	Electronic LSI (BE Type)
Ue, Rated Operational Voltage, AC, max	690 V AC
Utilisation Voltage (min - max)	24 V AC to 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 35°C	630 A @35°C
In, Rated Current at 40°C	630 A @40°C
In, Rated Current at 45°C	630 A @45°C
In, Rated Current at 50°C	630 A @50°C
In, Rated Current at 55°C	611 A @55°C
In, Rated Current at 60°C	558 A @60°C
In, Rated Current at 65°C	500 A @65°C
In, Rated Current at 70°C	400 A @70°C
Ics, Rated Service Short-Circuit Breaking Capacity, 415V AC	36 kA @415VAC
lcs, Rated Service Short-Circuit Breaking Capacity, 690V AC	7 kA @690VAC



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	Icu, Rated Ultimate Short-Circuit Breaking Capacity, 220/240V AC	50 kA @220/240VAC
	Icu, Rated Ultimate Short-Circuit Breaking Capacity, 415V AC	36 kA @415VAC
	Icu, Rated Ultimate Short-Circuit Breaking Capacity, 440V AC	30 kA @440VAC
	Icu, Rated Ultimate Short-Circuit Breaking Capacity, 690V AC	7 kA @690VAC
	AC Power loss per pole at full rated current	52 W
	Number of Poles	3
	Depth (toggle included)	145 mm
	Height	260 mm
	Width	140 mm
	Weight	5 kg
	Dielectric Strength	2500 V AC
	Electrical Life	4000 cycles
	Mechanical Life	15000 cycles
	li INST Adjustment (min / max x In)	3 – 11 x ln
	Long Delay Overload Protection (LTD): Deactivation	Yes
	Long Time Delay Protection (LTD): Type of time delay	Adjustable
		8
	Long Time Delay Protection (LTD): Fine tune adjustment	8
	steps	A Post Ash Is
	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)	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
	Withdrawable	No
	Standards Compliance	AS/NZS 60947-2 IEC 60947-2
	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
	Ir, Thermal Trip Current, Min	250 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

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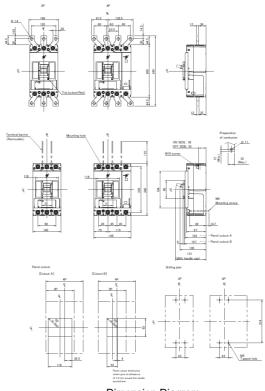
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Vibration Acceleration (Max.)	19 m/s ²
Vibration Frequency, Operational (Max.)	16.7 Hz
Vibration Duration (Max.)	12 min
Certifications	CE DEKRA RCM
Shipping Approvals	Contact NHP

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Dimension Diagram