Catalogue No: **P160-F2-3-63-TM**

TBP MCCB 160 FRAME 36kA 30PP 3P 63A ADJ THERM ADJ MAG

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

Representative Photo Only

(actual product may vary based on configuration selections)

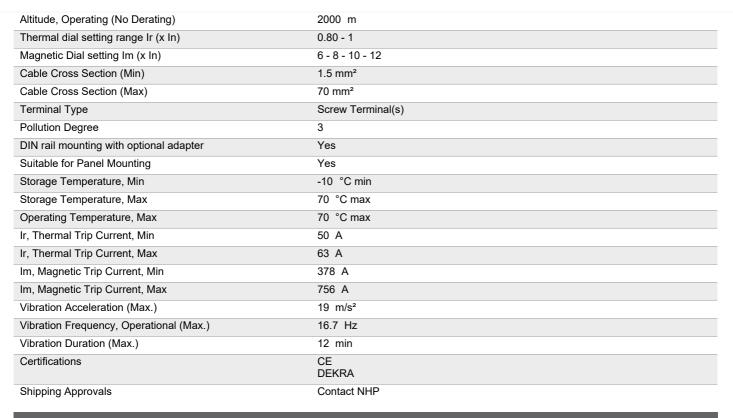
Switching Poles3PUtilisation CategoryAComponent Type MCCBMCCB ACModelPFrame Size160 AF sizeRated Frequency50 / 60 HzSuitable for Distribution Switchboard or MCCYesTrip Unit Rating63 AIn, Rated Current at 30°C63 A @30°CIn, Rated Current at 30°C63 A @33°CIn, Rated Current at 45°C63 A @36°CIn, Rated Current at 45°C63 A @40°CIn, Rated Current at 50°C63 A @40°CIn, Rated Current at 50°C63 A @55°CIn, Rated Current at 50°C46 A @60°CIn, Rated Current at 65°C46 A @60°CIn, Rated Current at 65°C46 A @60°CIn, Rated Current at 65°C46 A @60°CIn, Rated Stort-Circuit Making Capacity, 690V AC6 KA@415VACPower Loss05 KVACPower Loss05 KWACPower Loss35 WVinther of Poles35 SmUnither of Poles18gUting190 mmWidh90 mmWidh100 cyclesMoten cult Life50000 cycles	SPECIFICATIONS	
Component Type MCCBMCCB ACModelPFrame Size160 AF sizeRated Frequency50 / 60 HzSuitable for Distribution Switchboard or MCCYesTrip Unit Rating63 ATrip Unit Rating63 A @30°CIn, Rated Current at 30°C63 A @33°CIn, Rated Current at 35°C63 A @40°CIn, Rated Current at 40°C63 A @40°CIn, Rated Current at 50°C63 A @50°CIn, Rated Current at 55°C48 A @55°CIn, Rated Current at 60°C44 A @65°CIn, Rated Current at 65°C44 A @65°CIn, Rated Service Short-Circuit Breaking Capacity, 415VAC6 kA@15VACPower Loss10.5 WAC Power loss per pole at full rated current3.5 WNumber of Poles3Upt toggle included)95.5 mmWidth0 mmWeight1 kgElectrical Life30000 cycles	Switching Poles	3P
ModelPFrame Size160 AF sizeRated Frequency50 / 60 HzSuitable for Distribution Switchboard or MCCYesTrip Unit Rating63 ATrip Unit Protection TypeAdjustable Internal Adjustable MagneticIn, Rated Current at 30°C63 A @30°CIn, Rated Current at 30°C63 A @40°CIn, Rated Current at 40°C63 A @40°CIn, Rated Current at 50°C63 A @50°CIn, Rated Current at 50°C63 A @50°CIn, Rated Current at 50°C63 A @50°CIn, Rated Current at 50°C63 A @60°CIn, Rated Current at 50°C46 A @60°CIn, Rated Current at 60°C46 A @60°CIn, Rated Current at 60°C6 kAIn, Rated Current at 50°C6 kAIce, Rated Short-Circuit Making Capacity, 490V AC6 kAIces, Rated Short-Circuit Breaking Capacity, 415V AC36 k@415VACPower Loss10.5 WACPower loss per pole at full rated current3.5 WNumber of Poles3Depth (toggle included)90 mmWidth90 mmWidth1 kgElectrical Life30000 cycles	Utilisation Category	A
Frame Size 160 AF size Rated Frequency 50 / 60 Hz Suitable for Distribution Switchboard or MCC Yes Trip Unit Rating 63 A Trip Unit Protection Type Adjustable Thermal Adjustable Magnetic In, Rated Current at 30°C 63 A @30°C In, Rated Current at 50°C 63 A @30°C In, Rated Current at 40°C 63 A @40°C In, Rated Current at 50°C 63 A @40°C In, Rated Current at 50°C 63 A @50°C In, Rated Current at 50°C 63 A @60°C In, Rated Current at 60°C 48 A @55°C In, Rated Current at 65°C 44 A @65°C In, Rated Current at 65°C 48 A @55°C In, Rated Current at 65°C 48 A @65°C In, Rated Current at 65°C 48 A @65°C In, Rated Short-Circuit Making Capacity, 490V AC 6 KA Ies, Rated Short-Circuit Breaking Capacity, 415V A 56 Ka@15VAC Power Loss 10.5 W AC Power loss per pole at full rated current 3.5 W Number of Poles 3 Depth (toggle included) 90 mm Width 900 mm<	Component Type MCCB	MCCB AC
Rated Frequency50 / 60 HzSuitable for Distribution Switchboard or MCCYesTrip Unit Rating63 ATrip Unit Protection TypeAdjustable Thermal Adjustable MagneticIn, Rated Current at 30°C63 A @30°CIn, Rated Current at 55°C63 A @35°CIn, Rated Current at 40°C63 A @40°CIn, Rated Current at 55°C63 A @45°CIn, Rated Current at 55°C63 A @60°CIn, Rated Current at 55°C48 A @55°CIn, Rated Current at 65°C44 A @65°CIn, Rated Current at 65°C44 A @65°CIn, Rated Short-Circuit Making Capacity, 690V AC6 kAIes, Rated Short-Circuit Breaking Capacity, 415V AC36 kA@115VACPower Loss10.5 WAC Power Ioss per pole at full rated current3.5 WNumber of Poles3Depth (toggle included)90 mmWidth90 mmWight1 kgElectrical Life30000 cycles	Model	Р
Suitable for Distribution Switchboard or MCC Yes Trip Unit Rating 63 A Trip Unit Rating Adjustable Thermal Adjustable Magnetic In, Rated Current at 30°C 63 A @30°C In, Rated Current at 35°C 63 A @40°C In, Rated Current at 40°C 63 A @40°C In, Rated Current at 50°C 63 A @60°C In, Rated Current at 50°C 63 A @60°C In, Rated Current at 60°C 46 A @60°C In, Rated Current at 60°C 44 A @65°C In, Rated Current at 60°C 6 kA In, Rated Current at 60°C 6 kA @60°C In, Rated Current at 60°C 46 A @60°C In, Rated Current at 60°C 46 A @60°C In, Rated Current at 60°C 46 A @60°C In, Rated Sort-Circuit Making Capacity, 690V AC 6 kA Ics, Rated Short-Circuit Making Capacity, 690V AC 6 kA @415VAC Power Loss 10.5 W AC Power Loss 3.5 W Number of Poles 3.5 W Depth (toggle included) 90 mm Width 90 mm Width 90 mm Weight <td>Frame Size</td> <td>160 AF size</td>	Frame Size	160 AF size
Trip Unit Rating63 ATrip Unit Protection TypeAdjustable Thermal Adjustable MagneticIn, Rated Current at 30°C63 A @30°CIn, Rated Current at 35°C63 A @40°CIn, Rated Current at 40°C63 A @40°CIn, Rated Current at 50°C63 A @45°CIn, Rated Current at 50°C63 A @60°CIn, Rated Current at 60°C48 A @65°CIn, Rated Current at 65°C44 A @65°CIn, Rated Current at 65°C43 A @70°CIn, Rated Current at 65°C43 A @70°CIn, Rated Short-Circuit Making Capacity, 690V AC6 kAIcs, Rated Short-Circuit Breaking Capacity, 415V AC50 WPower Loss10.5 WACP Power Loss per pole at full rated current3.5 WNumber of Poles3.5 WWidth90 mmWidth90 mmWidth1 kgElectrical Life30000 cycles	Rated Frequency	50 / 60 Hz
Trip Unit Protection Type Adjustable Thermal Adjustable Magnetic In, Rated Current at 30°C 63 A @30°C In, Rated Current at 35°C 63 A @35°C In, Rated Current at 40°C 63 A @40°C In, Rated Current at 40°C 63 A @45°C In, Rated Current at 50°C 63 A @50°C In, Rated Current at 50°C 63 A @50°C In, Rated Current at 50°C 48 A @55°C In, Rated Current at 60°C 46 A @60°C In, Rated Current at 60°C 44 A @65°C In, Rated Current at 60°C 43 A @70°C In, Rated Current at 60°C 6 kA In, Rated Stort-Circuit Making Capacity, 450V AC 6 kA Ics, Rated Service Short-Circuit Breaking Capacity, 450V AC 6 kA @415VAC Power Loss 10.5 W AC Power loss per pole at full rated current 3.5 W Number of Poles 3 Depth (toggle included) 90 mm Width 90 mm Width 1 kg Electrical Life 30000 cycles	Suitable for Distribution Switchboard or MCC	Yes
In, Rated Current at 30°C 63 A @30°C In, Rated Current at 35°C 63 A @30°C In, Rated Current at 40°C 63 A @40°C In, Rated Current at 45°C 63 A @45°C In, Rated Current at 50°C 63 A @50°C In, Rated Current at 50°C 63 A @50°C In, Rated Current at 50°C 63 A @60°C In, Rated Current at 60°C 46 A @60°C In, Rated Current at 65°C 44 A @65°C In, Rated Current at 70°C 43 A @70°C Icm, Rated Short-Circuit Making Capacity, 690V AC 6 kA Ics, Rated Service Short-Circuit Breaking Capacity, 415V AC 36 kA @415VAC Power Loss 10.5 W AC Power loss per pole at full rated current 3.5 W Number of Poles 3 Depth (toggle included) 95.5 mm Width 90 mm Weight 1 kg Electrical Life 30000 cycles	Trip Unit Rating	63 A
In, Rated Current at 35°C 63 A @35°C In, Rated Current at 40°C 63 A @40°C In, Rated Current at 45°C 63 A @45°C In, Rated Current at 50°C 63 A @50°C In, Rated Current at 50°C 63 A @50°C In, Rated Current at 50°C 48 A @55°C In, Rated Current at 60°C 46 A @60°C In, Rated Current at 65°C 44 A @65°C In, Rated Current at 65°C 43 A @70°C In, Rated Current at 70°C 6 KA Ics, Rated Short-Circuit Making Capacity, 690V AC 6 kA@415VAC Power Loss 10.5 W AC Power loss per pole at full rated current 3.5 W Number of Poles 3 Depth (toggle included) 90 mm Width 90 mm Wight 1 kg Electrical Life 30000 cycles	Trip Unit Protection Type	Adjustable Thermal Adjustable Magnetic
In, Rated Current at 40°C 63 A @40°C In, Rated Current at 45°C 63 A @45°C In, Rated Current at 50°C 63 A @50°C In, Rated Current at 50°C 48 A @55°C In, Rated Current at 60°C 46 A @60°C In, Rated Current at 65°C 44 A @65°C In, Rated Current at 65°C 44 A @65°C In, Rated Current at 70°C 43 A @70°C Icm, Rated Short-Circuit Making Capacity, 690V AC 6 kA Ics, Rated Service Short-Circuit Breaking Capacity, 415V AC 36 kA @415VAC Power Loss 10.5 VV AC Power loss per pole at full rated current 3.5 W Number of Poles 3 Depth (toggle included) 90 mm Width 90 mm Weight 1 kg Electrical Life 30000 cycles	In, Rated Current at 30°C	63 A @30°C
In, Rated Current at 45°C 63 A @45°C In, Rated Current at 50°C 63 A @50°C In, Rated Current at 50°C 48 A @55°C In, Rated Current at 60°C 46 A @60°C In, Rated Current at 65°C 44 A @65°C In, Rated Current at 70°C 43 A @70°C Icm, Rated Short-Circuit Making Capacity, 690V AC 6 kA Ics, Rated Short-Circuit Breaking Capacity, 415V AC 36 kA @415VAC Power Loss 10.5 W AC Power loss per pole at full rated current 3.5 W Number of Poles 3 Depth (toggle included) 90 mm Width 90 mm Weight 1 kg Electrical Life 30000 cycles	In, Rated Current at 35°C	63 A @35°C
In, Rated Current at 50°C63 A @50°CIn, Rated Current at 55°C48 A @55°CIn, Rated Current at 60°C46 A @60°CIn, Rated Current at 65°C44 A @65°CIn, Rated Current at 70°C43 A @70°CIcm, Rated Short-Circuit Making Capacity, 690V AC6 kAIcs, Rated Service Short-Circuit Breaking Capacity, 415V AC36 kA @415VACPower Loss10.5 WAC Power loss per pole at full rated current3.5 WNumber of Poles3Depth (toggle included)95.5 mmWidth90 mmWeight1 kgElectrical Life30000 cycles	In, Rated Current at 40°C	63 A @40°C
In, Rated Current at 55°C48 A @55°CIn, Rated Current at 60°C46 A @60°CIn, Rated Current at 65°C44 A @65°CIn, Rated Current at 70°C43 A @70°CIcm, Rated Short-Circuit Making Capacity, 690V AC6 kAIcs, Rated Service Short-Circuit Breaking Capacity, 415V AC6 kA @415VACPower Loss10.5 WAC Power loss per pole at full rated current3.5 WNumber of Poles3Depth (toggle included)95.5 mmWidth90 mmWeight1 kgElectrical Life30000 cycles	In, Rated Current at 45°C	63 A @45°C
In, Rated Current at 60°C46 A @60°CIn, Rated Current at 65°C44 A @65°CIn, Rated Current at 70°C43 A @70°CIcm, Rated Short-Circuit Making Capacity, 690V AC6 kAIcs, Rated Service Short-Circuit Breaking Capacity, 415V AC36 kA @415VACPower Loss10.5 WAC Power loss per pole at full rated current3.5 WNumber of Poles3Depth (toggle included)95.5 mmWidth90 mmWeight1 kgElectrical Life30000 cycles	In, Rated Current at 50°C	63 A @50°C
In, Rated Current at 65°C44 A @65°CIn, Rated Current at 70°C43 A @70°CIcm, Rated Short-Circuit Making Capacity, 690V AC6 kAIcs, Rated Service Short-Circuit Breaking Capacity, 415V AC36 kA @415VACPower Loss10.5 WAC Power loss per pole at full rated current3.5 WNumber of Poles3Depth (toggle included)95.5 mmWidth90 mmWeight1 kgElectrical Life30000 cycles	In, Rated Current at 55°C	48 A @55°C
In, Rated Current at 70°C43 A @70°CIcm, Rated Short-Circuit Making Capacity, 690V AC6 kAIcs, Rated Service Short-Circuit Breaking Capacity, 415V AC36 kA @415VACPower Loss10.5 WAC Power loss per pole at full rated current3.5 WNumber of Poles3Depth (toggle included)95.5 mmWidth90 mmWeight1 kgElectrical Life30000 cycles	In, Rated Current at 60°C	46 A @60°C
Icm, Rated Short-Circuit Making Capacity, 690V AC6 kAIcs, Rated Service Short-Circuit Breaking Capacity, 415V AC36 kA @415VACPower Loss10.5 WAC Power loss per pole at full rated current3.5 WNumber of Poles3Depth (toggle included)95.5 mmWidth90 mmWeight1 kgElectrical Life30000 cycles	In, Rated Current at 65°C	44 A @65°C
Ics, Rated Service Short-Circuit Breaking Capacity, 415V AC36 kA @415VACPower Loss10.5 WAC Power loss per pole at full rated current3.5 WNumber of Poles3Depth (toggle included)95.5 mmWidth90 mmWeight1 kgElectrical Life30000 cycles	In, Rated Current at 70°C	43 A @70°C
Power Loss10.5 WAC Power loss per pole at full rated current3.5 WNumber of Poles3Depth (toggle included)95.5 mmWidth90 mmWeight1 kgElectrical Life30000 cycles	Icm, Rated Short-Circuit Making Capacity, 690V AC	6 kA
AC Power loss per pole at full rated current3.5 WNumber of Poles3Depth (toggle included)95.5 mmWidth90 mmWeight1 kgElectrical Life30000 cycles	Ics, Rated Service Short-Circuit Breaking Capacity, 415V AC	36 kA @415VAC
Number of Poles3Depth (toggle included)95.5 mmWidth90 mmWeight1 kgElectrical Life30000 cycles	Power Loss	10.5 W
Depth (toggle included) 95.5 mm Width 90 mm Weight 1 kg Electrical Life 30000 cycles	AC Power loss per pole at full rated current	3.5 W
Width 90 mm Weight 1 kg Electrical Life 30000 cycles	Number of Poles	3
Weight 1 kg Electrical Life 30000 cycles	Depth (toggle included)	95.5 mm
Electrical Life 3000 cycles	Width	90 mm
,	Weight	1 kg
Mechanical Life 50000 cycles	Electrical Life	30000 cycles
	Mechanical Life	50000 cycles



Catalogue No: P160-F2-3-63-TM

TBP MCCB 160 FRAME 36kA 30PP 3P 63A ADJ THERM ADJ MAG

Power Distribution and Protection > Circuit Breakers > Moulded Case Circuit Breakers > TemBreak PRO Moulded Case Circuit Breaker > TemBreak PRO 160 AF > 3 Pole



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

