

Catalogue No: VS125NJ332

T2 MCCB 1000V AC 4kA 3P 32A THERMAL MAGNETIC

Power Distribution and Protection > Circuit Breakers > Moulded Case Circuit Breakers > TemBreak Mining MCCB > TemBreak Mining 125 AF > Thermal Magnetic 125 AF 4kA



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

T2 MCCB 1000V 32A 3P KIT

- 1000 VAC MCCB for power distribution and motor starting use in mines or tunnels
- Current limiting device, reduces fault let through energy for increased installation safety
- Direct opening and indication of main contact status – maximizing machine and user safety
- Complies to AS / NZS 60947-2, IEC 60947-2 and CE
- Panel mount standard, with other mounting options
- Full range of accessories for application flexibility
- 3 pole MCCB
- Compact 155 mm H, 68 mm D, 30 mm pole centres
- Fault interruption rating; 4 or 10 kA ICU @ 1000 VAC
- Utilisation voltage ratings 1000 or 1100 VAC
- Thermal magnetic trip unit: adjustable thermal / adjustable magnetic
- Trip units; 20, 32, 50, 63, 100, 125 A

SPECIFICATIONS

Product Series	TemBreak 2 MCCB
Utilization Category	A
Switching Poles	3P qty poles
Depth (less toggle)	68 mm
Type of Power Supply	AC AC/DC
Component Type MCCB	AC MCCB
Rated Frequency	50 / 60 Hz
Connection Mode	Cable Tunnel Clamp (Option) mode Extension Bar (Option) Front Connection Rear Connection (Option)
Ue, Rated Operational Voltage, AC, max	1100 V AC
In, Rated Current at 35°C	32 A @30°C
In, Rated Current at 30°C	32 A @30°C
Trip Unit Rating	32 A
In, Rated Current at 40°C	32 A @40°C
In, Rated Current at 45°C	32 A @45°C
In, Rated Current at 50°C	32 A @50°C
In, Rated Current at 55°C	30.5 A @55°C
In, Rated Current at 60°C	30 A @60°C
In, Rated Current at 65°C	29 A @65°C
In, Rated Current at 70°C	28.5 A @70°C
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 1000V DC	4 kA @1kVDC
Ics, Rated Service Short-Circuit Breaking Capacity, AC (IEC 60947)	100 % Icu
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 1000V AC	4 kA @1kVAC
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 1100V AC	4 kA @1.1kVAC

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Uimp, Impulse Withstand Voltage	8 kV
Frame Size	125 AF size
Terminal Type	Screw Terminal(s)
Cable Cross Section (Max)	35 mm ² mm
Cable Cross Section (Min)	1.5 mm ² mm
Poles	3P
Number of Poles	3
Ui, Rated Insulation Voltage	1100 V (rms)
Height	155 mm
Width	90 mm
Depth	68 mm
Weight	1.1 kg
Standard Installation Method	Front Connection
Reverse Connection Of Supply Possible	No
Electrical Service Life at Un, In	1000 cycles
Mechanical Service Life	7000 cycles
Altitude, Operating (No Derating)	2000 m
AC Power loss per pole at full rated current	8 W
Temperature Calibration of trip unit	50 °C
Standards Compliance	IEC 60947-2 IEC 60947-1 JIS C 8201-2-1 Ann.1
DIN rail mounting with optional adapter	No
Suitable for Panel Mounting	Yes
Suitable for Mounting on Chassis	No
Withdrawable	No
Dielectric Strength	1000
Mechanical Life	7000 cycles
Storage Temperature, Max	70 °C max
Storage Temperature, Min	-10 °C min
Trip Unit Protection Type	Adjustable thermal, adjustable magnetic
Thermal Trip Type	Adjustable type
I _r , Thermal Trip Current, Min	20 A
I _r , Thermal Trip Current, Max	32 A
Magnetic Trip Type	Adjustable type
I _m , Magnetic Trip Current, Min	192 A
I _m , Magnetic Trip Current, Max	384 A
Operating Temperature, Min	-5 °C min
Operating Temperature, Max	70 °C max
Operating Temperature Relative Humidity	Max. permissible ambient temperature 60°C Max. permissible humidity 95% rel. No Condensation
Relative Humidity, Max	85 %RH
Vibration Acceleration (Max.)	19 g
Vibration Frequency, Operational (Max.)	16.7 Hz
Vibration Duration (Max.)	12 min
Certifications	CE
Shipping Approvals	ABS (American Bureau of Shipping) BV (Bureau Veritas) DNV-GL (Det Norske Veritas Germanischer Lloyd) Lloyd's Register of Shipping NK (Nippon Kaiji Kyokai)

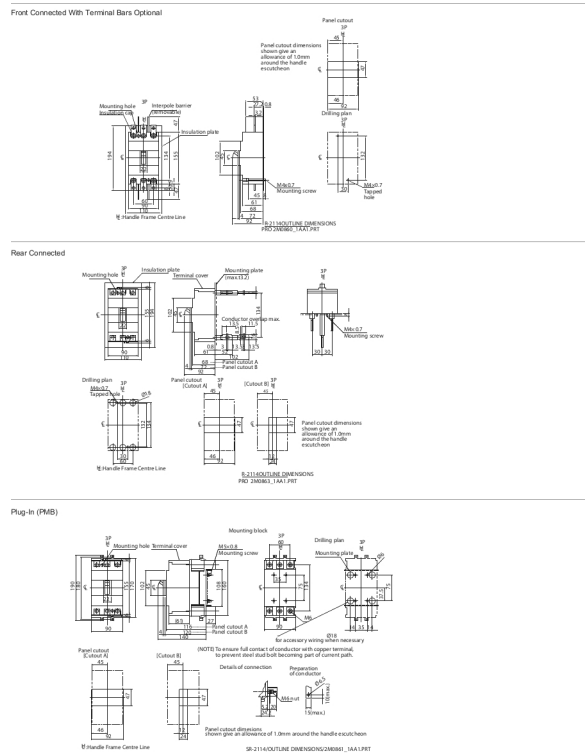
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REFERENCES	
IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-



Dimension Diagram