

ZS250M3160TF

Terasaki TemBreak PRO ELCB 250 Frame 65kA 30mA 3A 3P
160A Adj. Thermal Fix. Magnetic



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Innovators in Protection Technology



Component type	Power switching circuit breaker
Range	TemBreak PRO
Model	N/A
Product status	Existing

The latest innovation of MCCBs from Terasaki, offering superior performance and versatility.

Rated current I_n	160.0 A
Number of poles	3.0
Max. rated operation voltage U_e AC	525.0 V
Rated ultimate short-circuit breaking capacity I_{cu} at 415 V, 50 Hz	65.0 kA
Rated service short-circuit breaking capacity I_{cs} at 415 V, 50 Hz	36.0 kA
Type of protection trip unit	Earth leakage circuit breaker
Trip curve	Adj. thermal, fixed magnetic
Frame size rating	250.0 A
Long time overload protection adjustment range	100 - 160 A
Position of connection for main current circuit	Front side
Integrated earth fault protection	Yes
Rated frequency	50 - 60 Hz
Rated insulation voltage U_i	525.0 V
Suitable for isolation	Yes
Rated impulse withstand voltage U_{imp}	8.0 kV
Over voltage category	IV
Reverse connection of supply possible	Yes
AC power loss per pole at I_n	13.33 W
Electrical life at U_n, I_n (service cycles)	10000.0 cycles
Type of electrical connection of main circuit	Bolt connection
Power loss at rated current	40.0 W
Connectable conductor cross section	35 - 185 mm ²
DIN rail (top hat rail) mounting optional	Yes
Mechanical life (service cycles)	30000.0 cycles

ELECTRICAL

MECHANICAL

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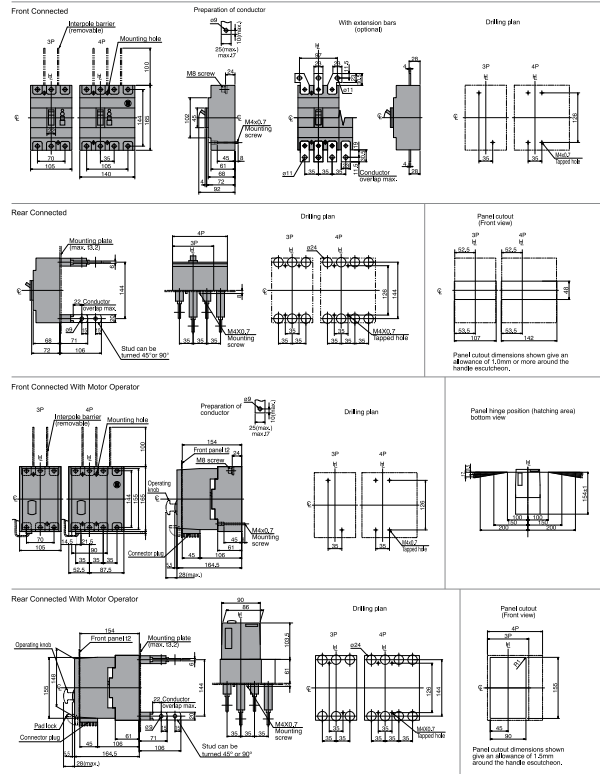
MECHANICAL	Vibration acceleration (Max)	19.0 m/s ²
	Vibration frequency, operational (Max)	16.7 Hz
	Vibration duration (Max)	12.0 min
DIMENSIONS	Height	165.0 mm
	Width	90.0 mm
	Pole connection pitch	35.0 mm
	Built-in depth	68.0 mm
	Depth (toggle included)	92.0 mm
	Weight	1.5 kg
	ENVIRONMENT	Pollution degree
Rated surrounding temperature without derating		50.0 °C
Ambient temperature during operating		-5 - 70 °C
Max. temperature		70.0 °C
Storage temperature		-10 - 70 °C
Allowable relative humidity		0 - 85 %
Altitude before derating (Max)		2000.0 m
CERTIFICATES/APPROVALS	Standard	AS/NZS IEC 60947.2

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DIMENSIONAL DIAGRAM



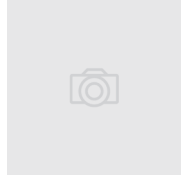
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RELATED PRODUCTS

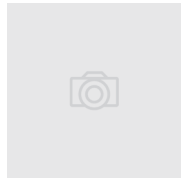
ACCESSORY



Item No: T25CAPLAB
Required: No
Description: Terasaki TemBreak 2 Label for 250AF



Item No: T2AL00B1STA
Required: No
Description: Terasaki TemBreak PRO Alarm Switch for B Model 1 NO Contact Heavy Duty Type



Item No: T2AL00B2STA
Required: No
Description: Terasaki TemBreak PRO Alarm Switch for B Model 1 NC Contact Heavy Duty Type



Item No: T2AL00M3RTA
Required: No
Description: Terasaki TemBreak PRO Alarm Switch for B Model 1 CO Contact Microcurrent Type



Item No: T2AL00M3STA
Required: No
Description: Terasaki TemBreak PRO Alarm Switch for B Model 1 CO Contact General Type



Item No: T2AL00M3SWA
Required: No
Description: Terasaki TemBreak PRO Alarm Switch for B Model 1 CO Contact Wired Type



Item No: T2AX00B1STA
Required: No
Description: Terasaki TemBreak PRO Auxiliary Switch for B Model 1 NO Contact Heavy Duty Type



Item No: T2AX00B2STA
Required: No
Description: Terasaki TemBreak PRO Auxiliary Switch for B Model 1 NC Contact Heavy Duty Type



Item No: T2AX00M3RTA
Required: No
Description: Terasaki TemBreak PRO Auxiliary Switch for B Model 1 CO Contact Microcurrent Type



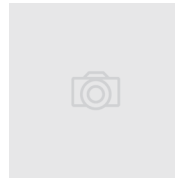
Item No: T2AX00M3STA
Required: No
Description: Terasaki TemBreak PRO Auxiliary Switch for B Model 1 CO Contact General Type



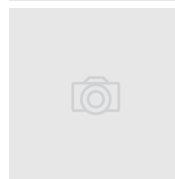
Item No: T2AX00M3SWA
Required: No
Description: Terasaki TemBreak PRO Auxiliary Switch for B Model 1 CO Contact Wired Type



Item No: T2BA25L3SH
Required: No
Description: Terasaki TemBreak PRO Interpole Barriers for A250/P250/ZS250 Qty 2



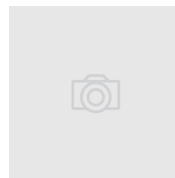
Item No: T2CF00L
Required: No
Description: Terasaki TemBreak PRO Terminal Cover Clip for ZS125/B160/ZS250/B250



Item No: T2CF253SLHP
Required: No
Description: Terasaki TemBreak PRO Terminal Cover CF Long Style for 3P ZS250 MCCB Qty 1



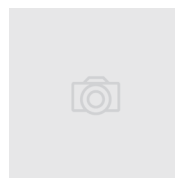
Item No: T2CF253SSH
Required: No
Description: Terasaki TemBreak PRO Terminal Cover CF Short Style for 3P ZS250 MCCB Qty 1



Item No: T2CF253SSNP
Required: No
Description: Terasaki TemBreak PRO Terminal Cover CF Short Style for 3P ZS250 MCCB Qty 2



Item No: T2CF253WC
Required: No
Description: Terasaki TemBreak 2 Terminal Screen Front Connect for E250/S250 3P MCCBs



Item No: T2CR254SHP
Required: No
Description: Terasaki TemBreak PRO Terminal Cover CR Flush Style for B250/ZS250 4P MCCB Qty 1

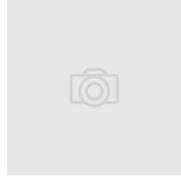
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RELATED PRODUCTS

ACCESSORY



Item No: T2CR254SNP

Required: No

Description: Terasaki TemBreak PRO Terminal Cover CR Flush Style for B250/ZS250 4P MCCB Qty 2



Item No: T2CS161SP

Required: No

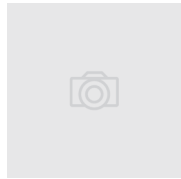
Description: Terasaki TemBreak PRO Terminal Cover CS Standard Style for B160 1P MCCB Qty 2



Item No: T2CS253SHP

Required: No

Description: Terasaki TemBreak PRO Terminal Cover CS Standard Style for ZS250 3P MCCB Qty 1



Item No: T2CS253SNP

Required: No

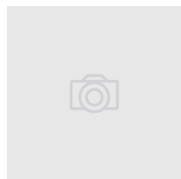
Description: Terasaki TemBreak PRO Terminal Cover CS Standard Style for ZS250 3P MCCB Qty 2



Item No: T2FB251BA

Required: No

Description: Terasaki TemBreak 2 Attached Busbars for 160 to 250 1P MCCBs Qty 2



Item No: T2FB25L3SH

Required: No

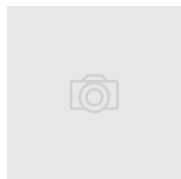
Description: Terasaki TemBreak PRO Straight Extension Bars 3P A/P/B/ZS250 MCCB Qty 3



Item No: T2FB25L3WH

Required: No

Description: Terasaki TemBreak PRO Flanged Extension Bars 3P A/P/B/ZS250 MCCB Qty 3



Item No: T2FW25L3B

Required: No

Description: Terasaki TemBreak PRO Tunnel Terminal fits 35 to 120nm² for B250/ZS250 Qty 6



Item No: T2HB25UR5BNP

Required: No

Description: Terasaki TemBreak PRO Handle Direct Mount with Door Interlock for B250/ZS250 Black



Item No: T2HB25UR5RNP

Required: No

Description: Terasaki TemBreak PRO Handle Direct Mount with Door Interlock for B250/ZS250 Red



Item No: T2HL25B

Required: No

Description: Terasaki TemBreak PRO Non Captive Toggle Lock 5 x 16.5mm Slot for ZS125/ZS250/B125/B160/B250



Item No: T2HL25CAP

Required: No

Description: Terasaki TemBreak 2 Toggle Lock Captive for 250 MCCBs



Item No: T2HP25PALK

Required: No

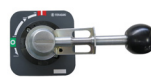
Description: Terasaki TemBreak 2 Handle Mechanism Padlock Device for 125A/250A MCCBs



Item No: T2HP25R6BN

Required: No

Description: Terasaki TemBreak 2 Handle Extension IP65 for 160 to 250 MCCBs Black



Item No: T2HP25R6ME

Required: No

Description: Terasaki TemBreak 2 Handle Metal IP65 for 160 to 250



Item No: T2HP25R6RN

Required: No

Description: Terasaki TemBreak 2 Handle Extension IP65 for 160 to 250 MCCBs Red



Item No: T2HS250SHAFT

Required: No

Description: Terasaki TemBreak 2 Handle Shaft 90mm for 125/250 MCCBs



Item No: T2HSESC100

Required: No

Description: Terasaki TemBreak 2 Handle Label Plate 100mm MCCBs

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RELATED PRODUCTS

ACCESSORY



Item No: T2M1166CBA
Required: No
Description: Terasaki TemBreak 2 ZS Trip Test Earth Leakage Module 3P plus Neutral



Item No: T2MC25A10NB
Required: No
Description: Terasaki TemBreak 2 Motor 110V AC for 160/250 MCCBs



Item No: T2MC25A24NB
Required: No
Description: Terasaki TemBreak 2 Motor 240V AC for 160/250 MCCBs



Item No: T2MC25D02NB
Required: No
Description: Terasaki TemBreak 2 Motor 24V DC for 160/250 MCCBs



Item No: T2MC25D10NB
Required: No
Description: Terasaki TemBreak 2 Motor 110V DC for 160/250 MCCBs



Item No: T2MM25L05A
Required: No
Description: Terasaki TemBreak PRO Motor Interlock Cable 0.5m for A/P/B/ZS MCCB Rated 12-250A



Item No: T2MM25L15A
Required: No
Description: Terasaki TemBreak PRO Motor Interlock Cable 1.5m for A/P/B/ZS MCCB Rated 12-250A



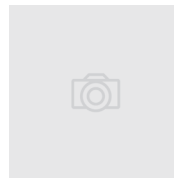
Item No: T2MM40S06A
Required: No
Description: Terasaki TemBreak PRO Motor Interlock Cable 0.6m for B250/ZS250 with 630 to 1000A MCCB



Item No: T2MM40S21A
Required: No
Description: Terasaki TemBreak PRO Motor Interlock Cable 2.1m for P160/P250 with 400 to 1000A MCCB



Item No: TPHS25SR5GM
Required: No
Description: Terasaki TemBreak PRO HS Handle with 356mm Extension Shaft IP55 for B160/L160/B250/L250/ZS250 Grey



Item No: TPHS25SR5RM
Required: No
Description: Terasaki TemBreak PRO HS Handle with 356mm Extension Shaft IP55 for B160/L160/B250/L250/ZS250 Grey



Item No: XAB3
Required: No
Description: Terasaki TemBreak 1 Filler Pole suits X2 Models