

P250F3160BE

Terasaki TemBreak PRO MCCB 250 Frame 36kA 3P 160A Basic Electronic



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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.

ELECTRICAL

Rated current In	160.0 A
Number of poles	3.0
Max. rated operation voltage Ue AC	690.0 V
Rated ultimate short-circuit breaking capacity Icu at 415 V, 50 Hz	36.0 kA
Rated service short-circuit breaking capacity Ics at 415 V, 50 Hz	36.0 kA
Type of protection trip unit	Electronic release
Trip curve	LSI
Frame size rating	250.0 A
Long time overload protection adjustment range	58 - 160 A
Position of connection for main current circuit	Front side
Instantaneous protection adjustment range	480 - 1760 A
Rated frequency	50 - 60 Hz
Rated insulation voltage Ui	800.0 V
Suitable for isolation	Yes
Rated short circuit breaking capacity, Icu 690V AC	6.0 kA
Rated short circuit breaking capacity, Ics 690V AC	6.0 kA
Short time protection adjustment range	87 - 1600 A
Rated impulse withstand voltage Uimp	8.0 kV
Over voltage category	IV
Reverse connection of supply possible	Yes
AC power loss per pole at In	6.1 W
Electrical life at Un, In (service cycles)	10000.0 cycles
Type of electrical connection of main circuit	Screw connection

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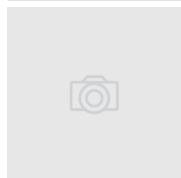


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ELECTRICAL	Power loss at rated current	18.3 W
	Connectable conductor cross section	35 - 185 mm ²
	Mechanical life (service cycles)	30000.0 cycles
MECHANICAL	Vibration acceleration (Max)	19.0 m/s ²
	Vibration frequency, operational (Max)	16.7 Hz
	Vibration duration (Max)	12.0 min
	Height	165.0 mm
DIMENSIONS	Width	105.0 mm
	Pole connection pitch	35.0 mm
	Built-in depth	68.0 mm
	Depth (toggle included)	95.5 mm
	Weight	1.5 kg
ENVIRONMENT	Pollution degree	3.0
	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 %
CERTIFICATES/APPROVALS	Altitude before derating (Max)	2000.0 m
	Standard	AS/NZS IEC 60947.2

RELATED PRODUCTS

ACCESSORY



Item No: 2H6845CAA

Required: No

Description: Terasaki TemBreak 2 Plug In Kit 3P for E160/S160 to 250



Item No: T2AX00LML3STA

Required: No

Description: Terasaki TemBreak PRO Auxiliary Switch for A and P Models 1 CO Contact General Type

Item No: T2AX00LML3SWA

Required: No

Description: Terasaki TemBreak PRO Auxiliary Switch for A and P Models 1 NO Contact 1 NC Contact Wired Type

Item No: T2BA25L3SH

Required: No

Description: Terasaki TemBreak PRO Interpole Barriers for A250/P250/ZS250 Qty 2

Item No: T2CF161SLNG

Required: No

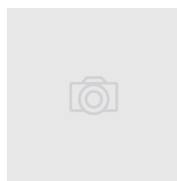
Description: Terasaki TemBreak 2 Terminal Cover Front Connect S160 1P MCCBs



Item No: T2AL00LML3STA

Required: No

Description: Terasaki TemBreak PRO Alarm Switch for A and P Models 1 CO Contact Left Side Mounting General Type



Item No: T2AX00LML3SWA

Required: No

Description: Terasaki TemBreak PRO Auxiliary Switch for A and P Models 1 NO Contact 1 NC Contact Wired Type

Item No: T2BA25L3SH

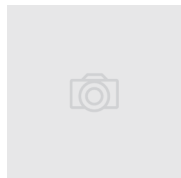
Required: No

Description: Terasaki TemBreak PRO Interpole Barriers for A250/P250/ZS250 Qty 2

Item No: T2CF161SLNG

Required: No

Description: Terasaki TemBreak 2 Terminal Cover Front Connect S160 1P MCCBs



Item No: T2AL00LML3SWA

Required: No

Description: Terasaki TemBreak PRO Alarm Switch for A and P Models 1 CO Contact Left Side Mounting Wired Type



Item No: T2BA25L3SH

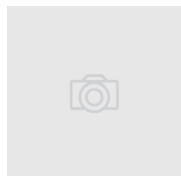
Required: No

Description: Terasaki TemBreak PRO Interpole Barriers for A250/P250/ZS250 Qty 2

Item No: T2CF161SLNG

Required: No

Description: Terasaki TemBreak 2 Terminal Cover Front Connect S160 1P MCCBs



Item No: T2AX00LML3RWA

Required: No

Description: Terasaki TemBreak PRO Auxiliary Switch for A and P Models 1 CO Contact Micro Switch Wired Type



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RELATED PRODUCTS

ACCESSORY



Item No: T2CF25L3SLEP

Required: No

Description: Terasaki TemBreak PRO Terminal Cover CF Long Style with Barrier for 3P A250 and P250 MCCB Qty 2

Item No: T2CF25L3SLHP

Required: No

Description: Terasaki TemBreak PRO Terminal Cover CF Long Style for 3P A250 and P250 MCCB Qty 1

Item No: T2CF25L3SLNP

Required: No

Description: Terasaki TemBreak PRO Terminal Cover CF Long Style for 3P A250 and P250 MCCB Qty 2

Item No: T2CF25L3SSHP

Required: No

Description: Terasaki TemBreak PRO Terminal Cover CF Short Style for 3P A250 and P250 MCCB Qty 1

Item No: T2CF25L3SSNP

Required: No

Description: Terasaki TemBreak PRO Terminal Cover CF Short Style for 3P A250 and P250 MCCB Qty 2

Item No: T2CF25L3SWHP

Required: No

Description: Terasaki TemBreak PRO Terminal Cover CF Wide Style for 3P A250 and P250 MCCB Qty 1

Item No: T2CF25L3SWNP

Required: No

Description: Terasaki TemBreak PRO Terminal Cover CF Wide Style for 3P A250 and P250 MCCB Qty 2

Item No: T2CF25LL

Required: No

Description: Terasaki TemBreak PRO Terminal Cover Clip for A250/P250



Item No: T2CR25L3SHP

Required: No

Description: Terasaki TemBreak PRO Terminal Cover CR Flush Style for A250/P250 3P MCCB Qty 1

Item No: T2CR25L3SP

Required: No

Description: Terasaki TemBreak PRO Terminal Cover CR Flush Style for A250/P250 3P MCCB Qty 2

Item No: T2CS25L3SP

Required: No

Description: Terasaki TemBreak PRO Terminal Cover CS Standard Style for A250/P250 3P MCCB Qty 2

Item No: T2FW25LS3A

Required: No

Description: Terasaki TemBreak PRO Tunnel Terminal fits 35 to 120mm² for A250/P250 Qty 6

Item No: T2HL25L

Required: No

Description: Terasaki TemBreak PRO Non Captive Toggle Lock 5 x 16.5mm Slot for A160/ A250/P160/P250

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

Item No: T2MM25L05A

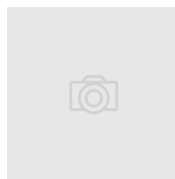
Required: No

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



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RELATED PRODUCTS

ACCESSORY



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

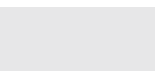
Description: Terasaki TemBreak PRO Motor Interlock Cable 2.1m for P160/P250 with 400 to 1000A MCCB



Item No: T2RP25L3SA

Required: No

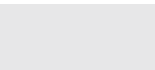
Description: Terasaki TemBreak PRO Rear Connect Studs for 3P A250/P250 MCCB



Item No: T2RP25L4SA

Required: No

Description: Terasaki TemBreak PRO Rear Connect Studs for 4P A250/P250 MCCB



Item No: T2SH00LA10T

Required: No

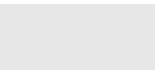
Description: Terasaki TemBreak PRO Shunt Trip for A/P Models 110V AC



Item No: T2SH00LA10WA

Required: No

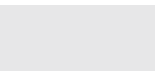
Description: Terasaki TemBreak PRO Shunt Trip for A/P Models 110-120V AC Wired Type



Item No: T2SH00LA20T

Required: No

Description: Terasaki TemBreak PRO Shunt Trip for A/P Models 230-240V AC



Item No: T2SH00LA40T

Required: No

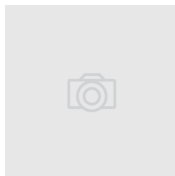
Description: Terasaki TemBreak PRO Shunt Trip for A/P Models 400-415V AC



Item No: T2SH00LA40WA

Required: No

Description: Terasaki TemBreak PRO Shunt Trip for A/P Models 380-450V AC Wired Type



Item No: T2SH00LD02T

Required: No

Description: Terasaki TemBreak PRO Shunt Trip for A/P Models 24V DC



Item No: T2SH00LD02WA

Required: No

Description: Terasaki TemBreak PRO Shunt Trip for A/P Models 24V DC Wired Type



Item No: T2SH00LD04WA

Required: No

Description: Terasaki TemBreak PRO Shunt Trip for A/P Models 48V DC Wired Type



Item No: T2SH00LD20WA

Required: No

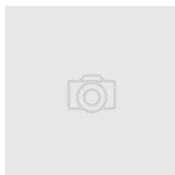
Description: Terasaki TemBreak PRO Shunt Trip for A/P Models 200-240V DC Wired Type



Item No: T2UV00LA10NWA

Required: No

Description: Terasaki TemBreak PRO Undervoltage Trip Instantaneous for A/P Models 100-120V AC Wired Type



Item No: T2UV00LA20NT

Required: No

Description: Terasaki TemBreak PRO Undervoltage Trip Instantaneous for A/P Models 230 to 240V AC



Item No: T2UV00LA20NWA

Required: No

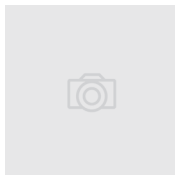
Description: Terasaki TemBreak PRO Undervoltage Trip Instantaneous for A/P Models 200-240V AC Wired Type



Item No: T2UV00LA40NWA

Required: No

Description: Terasaki TemBreak PRO Undervoltage Trip Instantaneous for A/P Models 380-450V AC Wired Type



Item No: T2UV00LD02NT

Required: No

Description: Terasaki TemBreak PRO Undervoltage Trip Instantaneous for A/P Models 24V DC

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RELATED PRODUCTS

ACCESSORY



Item No: T2UV00LD02NWA

Required: No

Description: Terasaki TemBreak PRO Undervoltage Trip Instantaneous for A/P Models 24V DC Wired Type



Item No: T2UV00LD10NWA

Required: No

Description: Terasaki TemBreak PRO Undervoltage Trip Instantaneous for A/P Models 100-120V DC Wired Type



Item No: T2UV00LD20NWA

Required: No

Description: Terasaki TemBreak PRO Undervoltage Trip Instantaneous for A/P Models 200-240V DC Wired Type



Item No: TBPHP25PALK

Required: No

Description: Terasaki TemBreak PRO Mechanical Padlock Attachment for A160/A250 MCCB and Handle



Item No: TPCLCP25

Required: No

Description: Terasaki TemBreak PRO Captive Lock Cover for P250 Thermal Magnetic and Basic Electronic MCCB



Item No: TPFB163SBC

Required: No

Description: Terasaki TemBreak PRO Straight Extension Bars 3P P160 MCCB Qty 6



Item No: TPHB255UR5BN

Required: No

Description: Terasaki TemBreak PRO Handle Direct Mount with Door Interlock for P250 Black



Item No: TPHB255UR5RN

Required: No

Description: Terasaki TemBreak PRO Handle Direct Mount with Door Interlock for P250 Red



Item No: TPHP25SR6BN

Required: No

Description: Terasaki TemBreak PRO HP Handle with 421mm Extension Shaft IP65 for P250 Grey



Item No: TPHP25SR6RN

Required: No

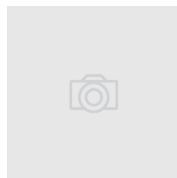
Description: Terasaki TemBreak PRO HP Handle with 421mm Extension Shaft IP65 for P250 Red



Item No: TPHS25R5GM

Required: No

Description: Terasaki TemBreak PRO HS Handle with 356mm Extension Shaft IP55 for P250 MCCB Grey



Item No: TPHS25R5RM

Required: No

Description: Terasaki TemBreak PRO HS Handle with 356mm Extension Shaft IP55 for P250 MCCB Red



Item No: TPMC25SA10N

Required: No

Description: Terasaki TemBreak PRO Motor 110V AC for P160/P250



Item No: TPMC25SA24N

Required: No

Description: Terasaki TemBreak PRO Motor 230-240V AC for P160/P250



Item No: TPMC25SD02N

Required: No

Description: Terasaki TemBreak PRO Motor 24V DC for P160/P250



Item No: TPMC25SD04N

Required: No

Description: Terasaki TemBreak PRO Motor 48V DC for P160/P250



Item No: TPMC25SD10N

Required: No

Description: Terasaki TemBreak PRO Motor 110V DC for P160/P250



Item No: TPMC25SD20N

Required: No

Description: Terasaki TemBreak PRO Motor 220V DC for P160/P250

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Terasaki TemBreak PRO MCCB 250 Frame 36kA 3P 160A Basic Electronic



RELATED PRODUCTS

ACCESSORY



Item No: TPML25SL3

Required: No

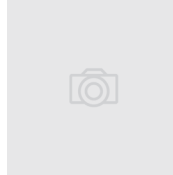
Description: Terasaki TemBreak PRO Front Link Interlock Left Side Mount for 3P P250 MCCB



Item No: TPML25SR3

Required: No

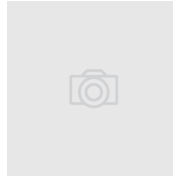
Description: Terasaki TemBreak PRO Front Link Interlock Right Side Mount for P250 MCCB



Item No: TPMW25SCN

Required: No

Description: Terasaki TemBreak PRO Cable Interlock Kit without Wire for P250



Item No: TPPM25A3A

Required: No

Description: Terasaki TemBreak PRO Plug In Base 3P for P250 MCCB



Item No: XAB3

Required: No

Description: Terasaki TemBreak 1 Filler Pole suits X2 Models