P160F23125TM

Terasaki TemBreak PRO MCCB 160 Frame 36kA 3P 125A Adj. Therm. Adj. Mag.

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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	125.0 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	Thermal/magnetic release
Trip curve	Adj. thermal, adj. magnetic
Frame size rating	160.0 A
Long time overload protection adjustment range	80 - 125 A
Position of connection for main current circuit	Front side
Instantaneous protection adjustment range	750 - 1500 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
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	10.7 W
Electrical life at Un, In (service cycles)	30000.0 cycles
Type of electrical connection of main circuit	Screw connection
Power loss at rated current	32.1 W

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MECHANICAL	Connectable conductor cross section	1.5 - 70 mm²
	DIN rail (top hat rail) mounting optional	Yes
	Mechanical life (service cycles)	50000.0 cycles
	Vibration acceleration (Max)	19.0 m/s²
	Vibration frequency, operational (Max)	16.7 Hz
	Vibration duration (Max)	12.0 min
DIMENSIONS	Height	130.0 mm
	Width	90.0 mm
	Pole connection pitch	30.0 mm
	Built-in depth	68.0 mm
	Depth (toggle included)	95.5 mm
	Weight	1.0 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 %
	Altitude before derating (Max)	2000.0 m
CERTIFICATES/APPROVALS	Standard	AS/NZS IEC 60947.2

RELATED PRODUCTS

ACCESSORY



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: T2AL00LML3SWA

Required: No

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

Item No: T2AX00LML3RWA

Required: No

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



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: T2BA16L3SH

Required: No

Description: Terasaki TemBreak PRO Interpole Barriers for A160/P160 Qty 2



Item No: T2CF253WC

Required: No

Description: Terasaki TemBreak 2 Terminal Screen Front Connect for E250/S250 3P MCCBs



Item No: T2HL25L

Required: No

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

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RELATED PRODUCTS

ACCESSORY



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: 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: T2SH00LD10WA
Required: No
Description: Terasaki TemBreak PRO Shunt Trip for A/P Models 110-120V 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



Item No: T2UV00LD02NWA
Required: No
Description: Terasaki TemBreak PRO Undervoltage Trip Instantaneous for A/P Models 24V DC Wired Type

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RELATED PRODUCTS

ACCESSORY



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: TPCF163SLEPH
Required: No
Description: Terasaki TemBreak PRO Terminal Cover CF Long Style with Barrier for 3P P160 MCCB Qty 1



Item No: TPCF163SLNP
Required: No
Description: Terasaki TemBreak PRO Terminal Cover CF Long Style for 3P P160 MCCB Qty 2

Item No: TPCF163SLNPH
Required: No
Description: Terasaki TemBreak PRO Terminal Cover CF Long Style for 3P P160 MCCB Qty 1

Item No: TPCF163SSEPH
Required: No
Description: Terasaki TemBreak PRO Terminal Cover CF Short Style with Barrier for 3P P160 MCCB Qty 1



Item No: TPCF163SSNP
Required: No
Description: Terasaki TemBreak PRO Terminal Cover CF Short Style for 3P P160 MCCB Qty 2



Item No: TPCF163SSNPH
Required: No
Description: Terasaki TemBreak PRO Terminal Cover CF Short Style for 3P P160 MCCB Qty 1



Item No: TPCF16SL
Required: No
Description: Terasaki TemBreak PRO Terminal Cover Clip for P160



Item No: TPCLCP16
Required: No
Description: Terasaki TemBreak PRO Captive Lock Cover for P160 Thermal Magnetic and Basic Electronic MCCB



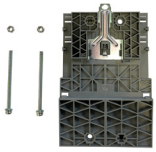
Item No: TPCR163SP
Required: No
Description: Terasaki TemBreak PRO Terminal Cover CR Flush Style for P160 3P MCCB Qty 2



Item No: TPCR163SPH
Required: No
Description: Terasaki TemBreak PRO Terminal Cover CR Flush Style for P160 3P MCCB Qty 1



Item No: TPCS163SPB
Required: No
Description: Terasaki TemBreak PRO Terminal Cover CS Standard Style for P160 3P MCCB Qty 2



Item No: TPDA16SA
Required: No
Description: Terasaki TemBreak PRO DIN Rail Adaptor for P160 MCCB

Item No: TPFW16S3L1H
Required: No
Description: Terasaki TemBreak PRO Tunnel Terminal fits 35 to 120mm2 for P160 Qty 3



Item No: TPHB165UR5BN
Required: No
Description: Terasaki TemBreak PRO Handle Direct Mount with Door Interlock for P160 Black



Item No: TPHP16SR6BN
Required: No
Description: Terasaki TemBreak PRO HP Handle with 421mm Extension Shaft IP65 for P160 Grey



Item No: TPHP16SR6RN
Required: No
Description: Terasaki TemBreak PRO HP Handle with 421mm Extension Shaft IP65 for P160 Red

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RELATED PRODUCTS

ACCESSORY



Item No: TPHS16R5GM

Required: No

Description: Terasaki TemBreak PRO HS Handle with 356mm Extension Shaft IP55 for P160 MCCB Grey

Item No: TPHS16R5RM

Required: No

Description: Terasaki TemBreak PRO HS Handle with 356mm Extension Shaft IP55 for P160 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



Item No: TPML16SL3

Required: No

Description: Terasaki TemBreak PRO Front Link Interlock Left Side Mount for 3P P160 MCCB



Item No: TPML16SR3

Required: No

Description: Terasaki TemBreak PRO Front Link Interlock Right Side Mount for P160 MCCB

Item No: TPMW00L

Required: No

Description: Terasaki TemBreak PRO Interlock Wire 1.5m for P Model MCCBs

Item No: TPMW00S

Required: No

Description: Terasaki TemBreak PRO Interlock Wire 1.0m for P Model MCCBs

Item No: TPMW16SCN

Required: No

Description: Terasaki TemBreak PRO Cable Interlock Kit without Wire for P160



Item No: TPRP163SH

Required: No

Description: Terasaki TemBreak PRO Rear Connect Studs for 3P P160 MCCB Half Set

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