

P630E3630TM

Terasaki TemBreak PRO MCCB 630 Frame 25kA 3P 630A Adj.
Thermal Adj. Magnetic



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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.

Rated current In	630.0 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	25.0 kA
Rated service short-circuit breaking capacity Ics at 415 V, 50 Hz	25.0 kA
Type of protection trip unit	Thermal/magnetic release
Trip curve	Adj. thermal, adj. magnetic
Frame size rating	630.0 A
Long time overload protection adjustment range	400630 A
Position of connection for main current circuit	Front side
Instantaneous protection adjustment range	2520 - 5040 A
Rated frequency	50 - 60 Hz
Rated insulation voltage Ui	800.0 V
Suitable for isolation	Yes
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	62.3 W
Electrical life at Un, In (service cycles)	4000.0 cycles
Type of electrical connection of main circuit	Bolt connection
Power loss at rated current	186.9 W
Connectable conductor cross section	35 - 400 mm ²
Mechanical life (service cycles)	15000.0 cycles
Vibration acceleration (Max)	19.0 m/s ²

ELECTRICAL

MECHANICAL

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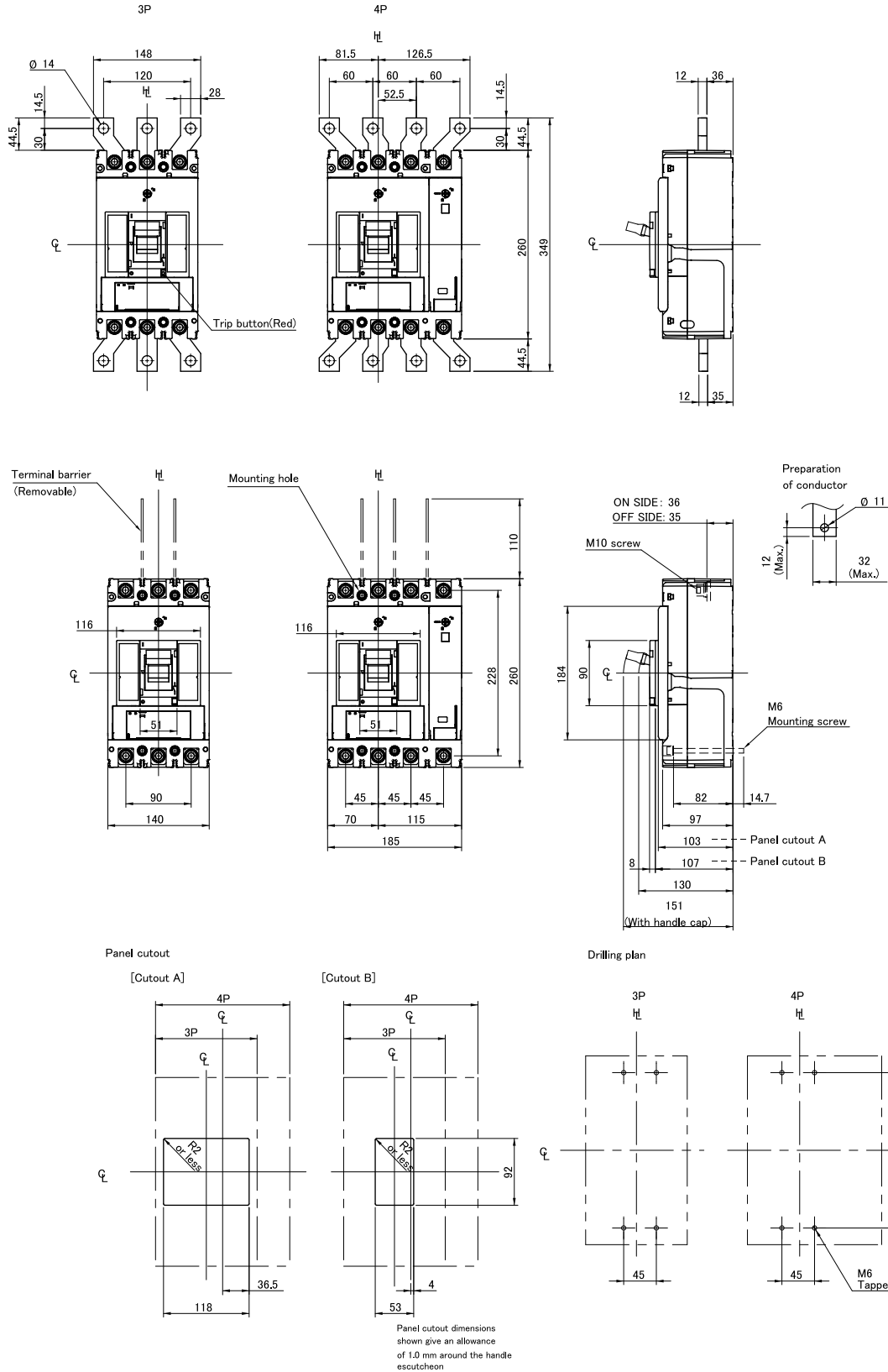
MECHANICAL	Vibration frequency, operational (Max)	16.7 Hz
	Vibration duration (Max)	12.0 min
DIMENSIONS	Height	260.0 mm
	Width	140.0 mm
	Pole connection pitch	45.0 mm
	Built-in depth	103.0 mm
	Depth (toggle included)	151.0 mm
	Weight	5.0 kg
ENVIRONMENT	Pollution degree	3.0
	Rated surrounding temperature without derating	30.0 °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

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DIMENSIONAL DIAGRAM



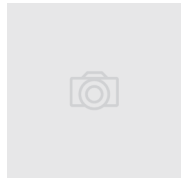
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RELATED PRODUCTS

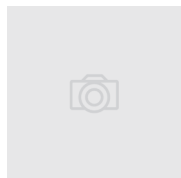
ACCESSORY



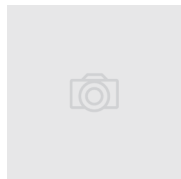
Item No: 2H7234CAAK
Required: No
Description: Terasaki TemBreak 2 Plug In Kit 3P for E630/S630



Item No: T2AL00LML3STA
Required: No
Description: Terasaki TemBreak PRO Alarm Switch for A and P Models 1 CO Contact Left Side Mounting General Type



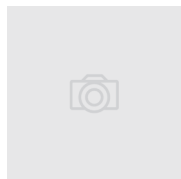
Item No: T2AL00LML3SWA
Required: No
Description: Terasaki TemBreak PRO Alarm Switch for A and P Models 1 CO Contact Left Side Mounting Wired Type



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: T2BA403SH
Required: No
Description: Terasaki TemBreak PRO Interpole Barriers for 400 to 1600A Frames Qty 2



Item No: T2DF40A
Required: No
Description: Terasaki TemBreak PRO Door Flange IP30 for P400/P630 MCCB



Item No: T2DM40A
Required: No
Description: Terasaki TemBreak PRO Door Flange IP30 for P400/P630/B800/B1000 MCCB Motor Operator



Item No: T2HS400SHAFT
Required: No
Description: Terasaki TemBreak 2 Handle Shaft 390mm for 400/630 MCCBs



Item No: T2HSESC100
Required: No
Description: Terasaki TemBreak 2 Handle Label Plate 100mm MCCBs



Item No: T2MM40L06A
Required: No
Description: Terasaki TemBreak PRO Motor Interlock Cable 0.6m for MCCB Frames 400 to 1000A



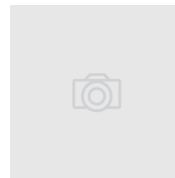
Item No: T2MM40L21A
Required: No
Description: Terasaki TemBreak PRO Motor Interlock Cable 2.1m for MCCB Frames 400 to 1000A



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: T2PM40A3A
Required: No
Description: Terasaki TemBreak PRO Plug In Base 3P for B400/L400 MCCB



Item No: T2RP403SA
Required: No
Description: Terasaki TemBreak PRO Rear Connect Studs for 3P P400 MCCB



Item No: T2RP463SA
Required: No
Description: Terasaki TemBreak PRO Rear Connect Studs for 3P P630 MCCB

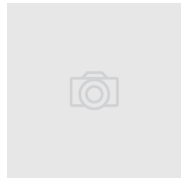
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RELATED PRODUCTS

ACCESSORY



Item No: T2SH00LA10T

Required: No

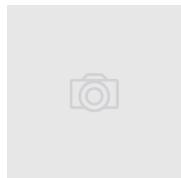
Description: Terasaki TemBreak PRO Shunt Trip for A/P Models 110V AC



Item No: T2SH00LA10WA

Required: No

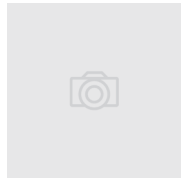
Description: Terasaki TemBreak PRO Shunt Trip for A/P Models 110-120V AC Wired Type



Item No: T2SH00LA20T

Required: No

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



Item No: T2SH00LA40T

Required: No

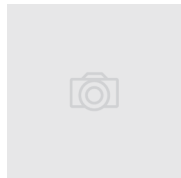
Description: Terasaki TemBreak PRO Shunt Trip for A/P Models 400-415V AC



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

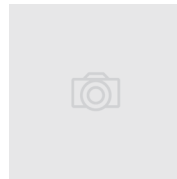
Description: Terasaki TemBreak PRO Shunt Trip for A/P Models 110-120V DC Wired Type



Item No: 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

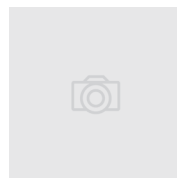
Description: Terasaki TemBreak PRO Undervoltage Trip Instantaneous for A/P Models 200-240V AC Wired Type



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



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

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RELATED PRODUCTS

ACCESSORY



Item No: TPCF633SLEPH

Required: No

Description: Terasaki TemBreak PRO Terminal Cover CF Long Style with Barrier for 3P P400 and P630 MCCB Qty 1

Item No: TPCF633SLNP

Required: No

Description: Terasaki TemBreak PRO Terminal Cover CF Long Style for 3P P400 and P630 MCCB Qty 2

Item No: TPCF633SLNPH

Required: No

Description: Terasaki TemBreak PRO Terminal Cover CF Long Style for 3P P400 and P630 MCCB Qty 1

Item No: TPCF633SWEPH

Required: No

Description: Terasaki TemBreak PRO Terminal Cover CF Wide Style with Barrier for 3P P400 and P630 MCCB Qty 1

Item No: TPCF633SWNP

Required: No

Description: Terasaki TemBreak PRO Terminal Cover CF Wide Style for 3P P400 and P630 MCCB Qty 2

Item No: TPCF633SWNPH

Required: No

Description: Terasaki TemBreak PRO Terminal Cover CF Wide Style for 3P P400 and P630 MCCB Qty 1

Item No: TPCF63SL

Required: No

Description: Terasaki TemBreak PRO Terminal Cover Clip for P400/P630

Item No: TPCLCP63

Required: No

Description: Terasaki TemBreak PRO Captive Lock Cover for P400 and P630 MCCB

Item No: TPCR633SP

Required: No

Description: Terasaki TemBreak PRO Terminal Cover CR Flush Style for P400/P630 3P MCCB Qty 2



Item No: TPCR633SPH

Required: No

Description: Terasaki TemBreak PRO Terminal Cover CR Flush Style for P400/P630 3P MCCB Qty 1

Item No: TPCS633SPH

Required: No

Description: Terasaki TemBreak PRO Terminal Cover CS Standard Style for P400/P630 3P MCCB Qty 1

Item No: TPFB403WHA

Required: No

Description: Terasaki TemBreak PRO Flanged Extension Bars 3P P400 MCCB Qty 3



Item No: TPFW63S3L2H

Required: No

Description: Terasaki TemBreak PRO Tunnel Terminal fits 35 to 300mm 2 Hole for P400/P630 Qty 3

Item No: TPFW63S3S1H

Required: No

Description: Terasaki TemBreak PRO Tunnel Terminal fits 35 to 300mm 1 Hole for P400/P630 Qty 3

Item No: TPHB635UR5BN

Required: No

Description: Terasaki TemBreak PRO Handle Direct Mount with Door Interlock for P400/P630 Black

Item No: TPHB635UR5RN

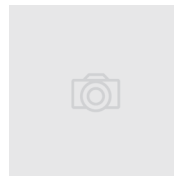
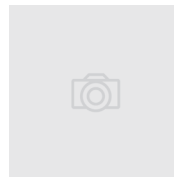
Required: No

Description: Terasaki TemBreak PRO Handle Direct Mount with Door Interlock for P400/P630 Red

Item No: TPHL63SA

Required: No

Description: Terasaki TemBreak PRO Non Captive Toggle Lock 5 x 16.5mm Slot for P400/P630



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RELATED PRODUCTS

ACCESSORY



Item No: TPHP63SR6BN

Required: No

Description: Terasaki TemBreak PRO HP Handle with 421mm Extension Shaft IP65 for P400/P630 Grey



Item No: TPHP63SR6RN

Required: No

Description: Terasaki TemBreak PRO HP Handle with 421mm Extension Shaft IP65 for P400/P630 Red



Item No: TPHS63R5GM

Required: No

Description: Terasaki TemBreak PRO HS Handle with 356mm Extension Shaft IP65 for P400/P630 MCCB Grey



Item No: TPHS63R5RM

Required: No

Description: Terasaki TemBreak PRO HS Handle with 356mm Extension Shaft IP65 for P400/P630 MCCB Red



Item No: TPMC63SA10N

Required: No

Description: Terasaki TemBreak PRO Motor 110-240V AC for P400/P630



Item No: TPMC63SD02N

Required: No

Description: Terasaki TemBreak PRO Motor 24-48V DC for P400/P630



Item No: TPMC63SD10N

Required: No

Description: Terasaki TemBreak PRO Motor 110V DC for P400/P630



Item No: TPML63SL3H

Required: No

Description: Terasaki TemBreak PRO Front Link Interlock Left Side Mount for 3P P400/P630 MCCB Handle



Item No: TPML63SL3M

Required: No

Description: Terasaki TemBreak PRO Front Link Interlock Left Side Mount for 3P P400/P630 MCCB Motor



Item No: TPML63SR3H

Required: No

Description: Terasaki TemBreak PRO Front Link Interlock Right Side Mount for P400/P630 MCCB Handle



Item No: TPML63SR3M

Required: No

Description: Terasaki TemBreak PRO Front Link Interlock Right Side Mount for P400/P630 MCCB Motor



Item No: TPMW63SCH

Required: No

Description: Terasaki TemBreak PRO Cable Interlock for Handles without Wire for P400 and P630



Item No: TPMW63SCM

Required: No

Description: Terasaki TemBreak PRO Cable Interlock for Motors without Wire for P400 and P630