

P400F3400SE

Terasaki TemBreak PRO MCCB 400 Frame 36kA 3P 400A Smart Electronic



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Innovators in Protection Technology



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

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

Rated current In	400.0 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	LSIG
Frame size rating	400.0 A
Long time overload protection adjustment range	160 - 400 A
Position of connection for main current circuit	Front side
Instantaneous protection adjustment range	1200 - 4800 A
Integrated earth fault protection	Yes
Rated frequency	50 - 60 Hz
Rated insulation voltage Ui	800.0 V
Suitable for isolation	Yes
Rated short circuit breaking capacity, Icu 690V AC	7.0 kA
Rated short circuit breaking capacity, Ics 690V AC	7.0 kA
Short time withstand current Icw, 0.3 sec	5.0 kA
Short time protection adjustment range	240 - 4000 A
Rated impulse withstand voltage Uimp	8.0 kV
Over voltage category	IV
Integrated energy metering function	Yes
Integrated communication function	Yes

ELECTRICAL

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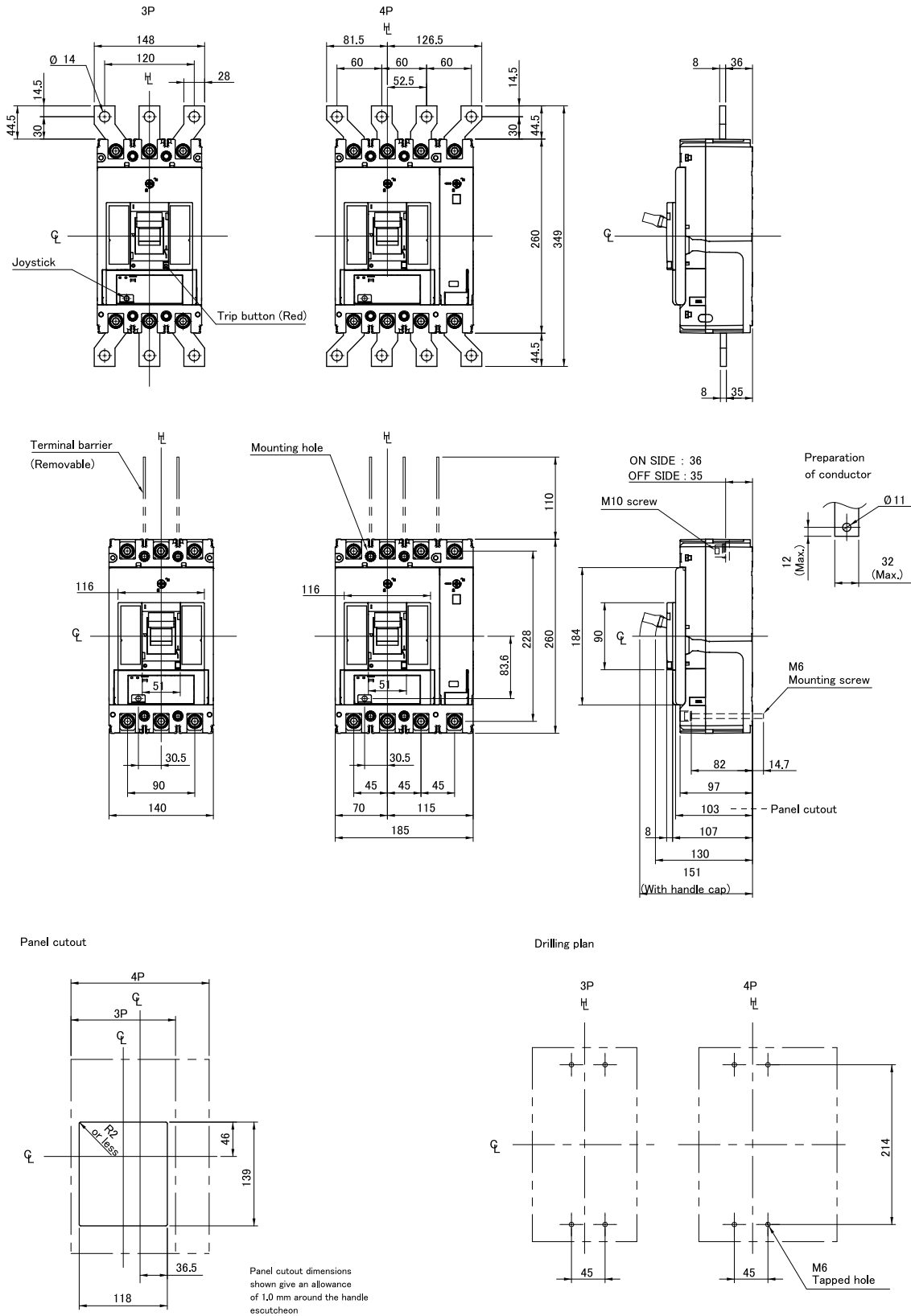
ELECTRICAL	Integrated zone selective interlocking function	Yes
	Reverse connection of supply possible	Yes
	AC power loss per pole at In	28.4 W
	Electrical life at Un, In (service cycles)	6000.0 cycles
	Type of electrical connection of main circuit	Bolt connection
	Power loss at rated current	85.2 W
COMMUNICATION	Communications protocol	Modbus TCP via option module
MECHANICAL	Connectable conductor cross section	35 - 400 mm ²
	Mechanical life (service cycles)	15000.0 cycles
	Vibration acceleration (Max)	19.0 m/s ²
	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)	145.0 mm
	Weight	4.3 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

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DIMENSIONAL DIAGRAM



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RELATED PRODUCTS

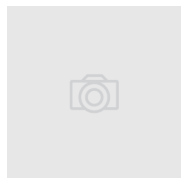
ACCESSORY



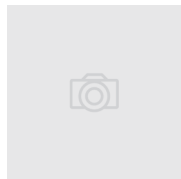
Item No: 2H6847CAAK
Required: No
Description: Terasaki TemBreak 2 Plug In Kit 3P for E400/S400



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



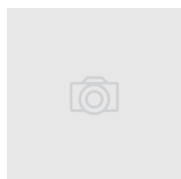
Item No: T2AL00LML3SWA
Required: No
Description: Terasaki TemBreak PRO Alarm Switch for A and P Models 1 CO Contact Left Side Mounting Wired Type



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: T2HP40PALK
Required: No
Description: Terasaki TemBreak 2 Handle Mechanism Padlock Device for 400/630 MCCBs



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



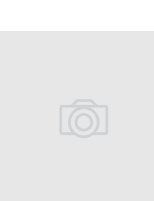
Item No: T2MM40L21A
Required: No
Description: Terasaki TemBreak PRO Motor Interlock Cable 2.1m for MCCB Frames 400 to 1000A



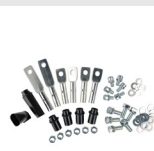
Item No: T2MM40S06A
Required: No
Description: Terasaki TemBreak PRO Motor Interlock Cable 0.6m for B250/ZS250 with 630 to 1000A MCCB



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

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ACCESSORY



Item No: T2RP463SA

Required: No

Description: Terasaki TemBreak PRO Rear Connect Studs for 3P P630 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: T2SH00LD10WA

Required: No

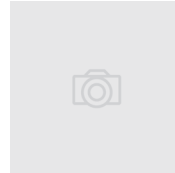
Description: Terasaki TemBreak PRO Shunt Trip for A/P Models 110-120V DC Wired Type



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

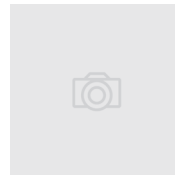
Description: Terasaki TemBreak PRO Undervoltage Trip Instantaneous for A/P Models 200-240V AC Wired Type



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

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RELATED PRODUCTS

ACCESSORY



Item No: T2UV00LD20NWA

Required: No

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



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

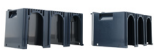
Description: Terasaki TemBreak PRO Terminal Cover CF Wide Style with Barrier for 3P P400 and P630 MCCB Qty 1



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

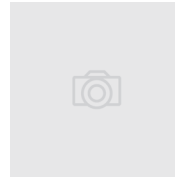
Description: Terasaki TemBreak PRO Captive Lock Cover for P400 and P630 MCCB



Item No: TPCM00D02NA

Required: No

Description: Terasaki TemBreak PRO Communication Module Modbus RTU Unit without IO



Item No: TPCM00D02WA

Required: No

Description: Terasaki TemBreak PRO Communication Module Modbus RTU with 2 Relay Contacts



Item No: TPCR633SP

Required: No

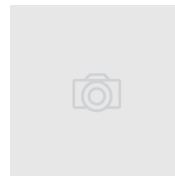
Description: Terasaki TemBreak PRO Terminal Cover CR Flush Style for P400/P630 3P MCCB Qty 2



Item No: TPCR633SPH

Required: No

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



Item No: TPED00N

Required: No

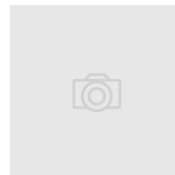
Description: Terasaki TemBreak PRO P Model External Display for Configuration/Monitoring



Item No: TPFB403WHA

Required: No

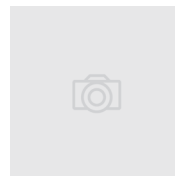
Description: Terasaki TemBreak PRO Flanged Extension Bars 3P P400 MCCB Qty 3



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

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ACCESSORY



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



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

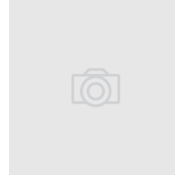
Description: Terasaki TemBreak PRO Motor 24-48V DC for P400/P630



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

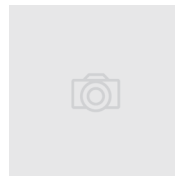
Description: Terasaki TemBreak PRO Front Link Interlock Right Side Mount for P400/P630 MCCB Handle



Item No: TPML63SR3M

Required: No

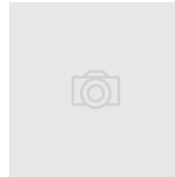
Description: Terasaki TemBreak PRO Front Link Interlock Right Side Mount for P400/P630 MCCB Motor



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



Item No: TPPHQTT130HA

Required: No

Description: Terasaki TemBreak PRO Pre Trip Alarm or Optional Alarm Contact Connection Cable 1.2m



Item No: TPPHQTT150HA

Required: No

Description: Terasaki TemBreak PRO Zone Selective Interlock ZSI Connection Lead 1.2m



Item No: TPPHQTT160HA

Required: No

Description: Terasaki TemBreak PRO CIP Connection Lead 24VDC 1.2m P400 and 630

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ACCESSORY



Item No: TPPHQT430HA

Required: No

Description: Terasaki TemBreak PRO CIP Connection Lead 0.5m for P400 and P630



Item No: TPPHQT460HA

Required: No

Description: Terasaki TemBreak PRO CIP Connection Lead 5m P400 and P630



Item No: TPPHQT440HA

Required: No

Description: Terasaki TemBreak PRO CIP Connection Lead 1.5m P400 and P630