B1250HL31250BECI

Terasaki TemBreak PRO MCCB 1250 Frame 85kA 3P 1250A Basic Electronic with Cbl Intlk

MOULDED CASE CIRCUIT BREAKERS



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

The TemBreak PRO range is the ultimate solution for reliable circuit protection. Ampere frame sizes range from 160A to 3200A and breaking capacities from 25kA to 200kA. Protect your electrical systems today and connect to the information systems of tomorrow with trip unit technologies such as Thermal Magnetic, Basic and SMART Electronic, as well as ground fault and earth leakage protection.

ELECTRICAL

Rated current In	1250 A
Number of poles	3
Max. rated operation voltage Ue AC	690 V
Rated ultimate short-circuit breaking capacity Icu at 415 V, 50 Hz	100 kA
Type of protection trip unit	Electronic release
Trip curve	LSI
Frame size rating	1250 A
Long time overload protection adjustment range	500-1250 A
Position of connection for main current circuit	Front side
Instantaneous protection adjustment range	3125-15000 A
Rated frequency	50-60 Hz
Rated insulation voltage Ui	800 V
Suitable for isolation	Yes
Rated short circuit breaking capacity, Icu 690V AC	45 kA
Rated short circuit breaking capacity, Ics 690V AC	34 kA
Short time withstand current Icw, 0.3 sec	15 kA
Short time protection adjustment range	1250-12500 A
Rated impulse withstand voltage Uimp	8 kV
Over voltage category	IV
Reverse connection of supply possible	Yes
AC power loss per pole at In	90 W
Electrical life at Un, In (service cycles)	4000 cycles
Type of electrical connection of main circuit	Bolt connection
Power loss	270 W

Published on 28 October 2026

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MECHANICAL	Mechanical life (service cycles)	5000 cycles
	Max. vibration acceleration	19 m/s²
	Max. vibration frequency, operational	16.7 Hz
	Max. vibration duration	12 min
DIMENSIONS	Height	530 mm
	Width	210 mm
	Pole connection pitch	70 mm
	Built-in depth	120 mm
	Depth (toggle included)	171 mm
	Weight	19.8 kg
ENVIRONMENT	Pollution degree	3
	Rated surrounding temperature without derating	50 °C
	Rated temperature	-5…70 °C
	Maximum operating temperature	70 °C
	Storage temperature	-10…70 °C
	Allowable relative humidity	0-85 %
	Max. altitude before derating	2000 m
CERTIFICATES/APPROVALS	Standard	AS/NZS IEC 60947.2

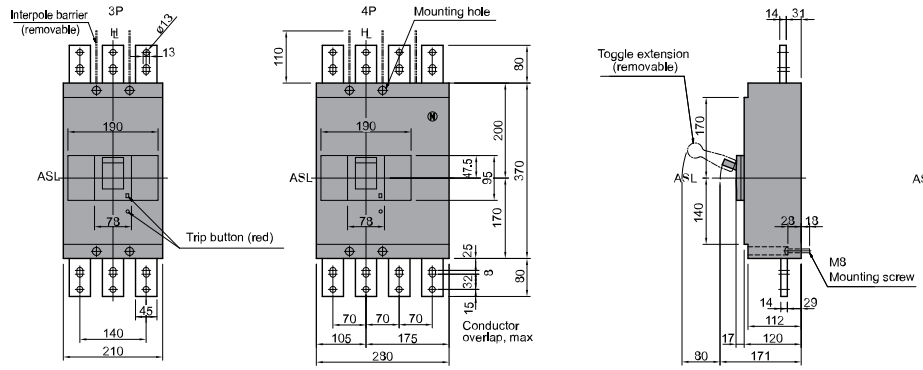
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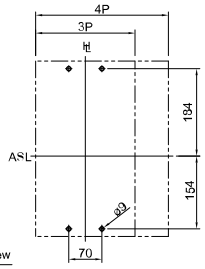
MOULDED CASE CIRCUIT BREAKERS

DIMENSIONAL DIAGRAM

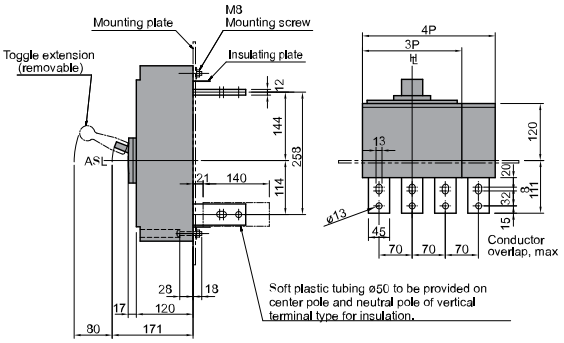
Front Connected



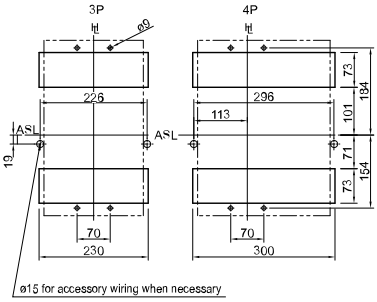
Drilling plan (front view)



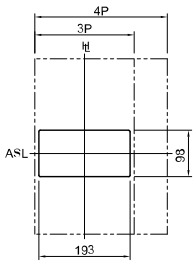
Rear Connected



Drilling plan (front view)



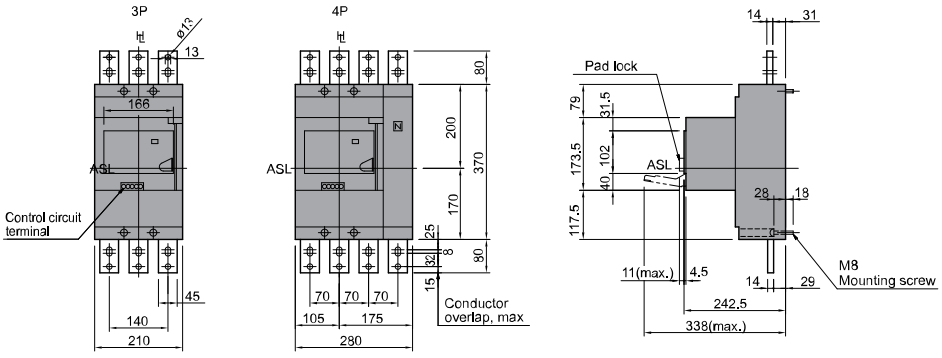
Panel cutout (front view)



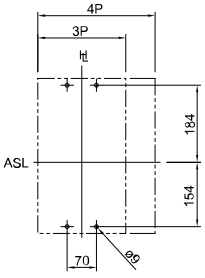
Panel cutout dimensions shown give an allowance of 1.5 mm around the handle escutcheon.

Note: Studs are factory installed in horizontal direction both on the line and load sides.

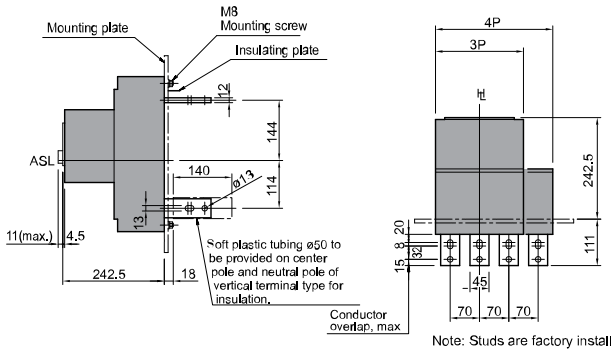
Front Connected With Motor Operator



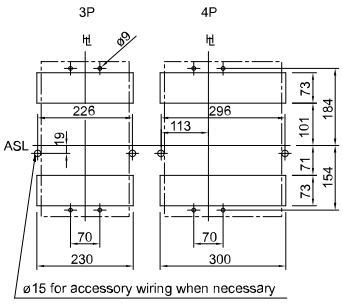
Drilling plan (front view)



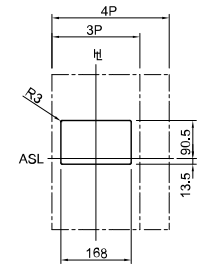
Rear Connected With Motor Operator



Drilling plan (front view)



Panel cutout (front view)



Panel cutout dimensions shown give an allowance of 1.0 mm around motor operator.

Note: Studs are factory installed in horizontal direction both on the line and load sides.

RELATED PRODUCTS

ACCESSORY



Item No: T1HPX6PALK
Required: No
Description: Terasaki TemBreak 1 Padlock Device for Handle Mechanism XS1600



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



Item No: T2CFX33SLHP
Required: No
Description: Terasaki TemBreak PRO Terminal Cover CF Long Style for 3P B1250 and B1600 MCCB Qty 1



Item No: T2CFX33SLNP
Required: No
Description: Terasaki TemBreak PRO Terminal Cover CF Long Style for 3P B1250 and B1600 MCCB Qty 2



Item No: T2GBX6N12A
Required: No
Description: Terasaki TemBreak PRO External Ground Fault Current Transformer 1250A for B1250 MCCB



Item No: T2HLX6A
Required: No
Description: Terasaki TemBreak PRO Non Captive Toggle Lock 3 x 8mm Slot for B1250/B1600



Item No: T2HPX6R6BNP
Required: No
Description: Terasaki TemBreak PRO HP Handle with 421mm Extension Shaft IP65 for B1250/B1600 Grey

Item No: T2HPX6R6RNP
Required: No
Description: Terasaki TemBreak PRO HP Handle with 421mm Extension Shaft IP65 for B1250/B1600 Red



Item No: T2MCX6A10NP
Required: No
Description: Terasaki TemBreak PRO Motor 110V AC for B1250/B1600



Item No: T2MCX6A24NP
Required: No
Description: Terasaki TemBreak PRO Motor 240V AC for B1250/B1600



Item No: T2MCX6D02NP
Required: No
Description: Terasaki TemBreak PRO Motor 24V DC for B1250/B1600



Item No: T2SHX6A10TA
Required: No
Description: Terasaki TBP Shunt Trip For B1250-B1600 110V AC

RELATED PRODUCTS

ACCESSORY



Item No: T2SHX6A20TA
Required: No
Description: Terasaki TBP Shunt Trip For B1250-B1600 240V AC

Item No: T2SHX6A40TA
Required: No
Description: Terasaki TBP Shunt Trip For B1250-B1600 230V DC



Item No: T2SHX6D02TA
Required: No
Description: Terasaki TBP Shunt Trip For B1250-B1600 24V DC



Item No: T2SHX6D04TA
Required: No
Description: Terasaki TBP Shunt Trip For B1250-B1600 48V DC



Item No: T2SHX6D10TA
Required: No
Description: Terasaki TBP Shunt Trip For B1250-B1600 110V DC

Item No: T2SHX6D20TA
Required: No
Description: Terasaki TBP Shunt Trip For B1250-B1600 230V DC



Item No: T2UV80A10NTA
Required: No
Description: Terasaki TemBreak PRO Undervoltage Trip Instantaneous for B800 to B1600 Models 110V AC



Item No: T2UV80A20NTA
Required: No
Description: Terasaki TemBreak PRO Undervoltage Trip Instantaneous for B800 to B1600 Models 240V AC



Item No: T2UV80A40NTA
Required: No
Description: Terasaki TemBreak PRO Undervoltage Trip Instantaneous for B800 to B1600 Models 415V AC



Item No: T2UV80D02NTA
Required: No
Description: Terasaki TemBreak PRO Undervoltage Trip Instantaneous for B800 to B1600 Models 24V DC



Item No: T2UV80D10NTA
Required: No
Description: Terasaki TemBreak PRO Undervoltage Trip Instantaneous for B800 to B1600 Models 110V DC



Item No: T2UV80D20NTA
Required: No
Description: Terasaki TemBreak 2 Undervoltage Trip Instantaneous 230V DC for MCCBs 800 to 1600A



Item No: TPCLCB160
Required: No
Description: Terasaki TemBreak PRO Captive Lock Cover for 1250 and 1600A MCCB