

P250F4200TM

Terasaki TemBreak PRO MCCB 250 Frame 36kA 4P 200A Adj.
Thermal Adj. Magnetic



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	200 A
Number of poles	4
Max. rated operation voltage Ue AC	690 V
Rated ultimate short-circuit breaking capacity Icu at 415 V, 50 Hz	36 kA
Type of protection trip unit	Thermal/magnetic release
Trip curve	Adj. thermal, adj. magnetic
Frame size rating	250 A
Long time overload protection adjustment range	125-200 A
Position of connection for main current circuit	Front side
Instantaneous protection adjustment range	1200-2400 A
Rated frequency	50-60 Hz
Rated insulation voltage Ui	800 V
Suitable for isolation	Yes
Rated short circuit breaking capacity, Icu 690V AC	6 kA
Rated short circuit breaking capacity, Ics 690V AC	6 kA
Rated impulse withstand voltage Uimp	8 kV
Over voltage category	IV
Reverse connection of supply possible	Yes
AC power loss per pole at In	12 W
Electrical life at Un, In (service cycles)	10000 cycles
Type of electrical connection of main circuit	Screw connection
Power loss	36 W
Mechanical life (service cycles)	30000 cycles
Max. vibration acceleration	19 m/s ²

MECHANICAL

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MECHANICAL	Max. vibration frequency, operational	16.7 Hz
	Max. vibration duration	12 min
DIMENSIONS	Connectable conductor cross section	35-185 mm ²
	Height	165 mm
	Width	140 mm
	Pole connection pitch	35 mm
	Built-in depth	68 mm
	Depth (toggle included)	95.5 mm
	Weight	2 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 %
CERTIFICATES/APPROVALS	Max. altitude before derating	2000 m
	Standard	AS/NZS IEC 60947.2

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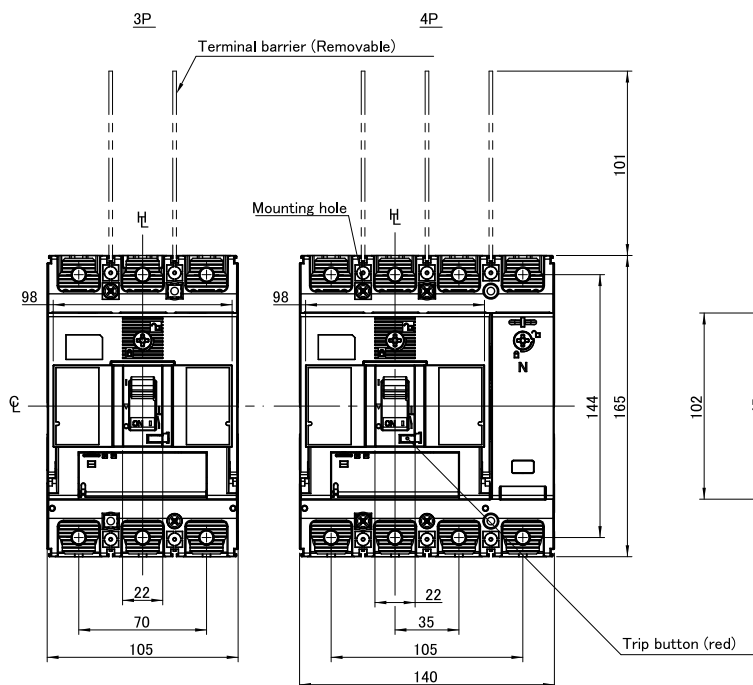
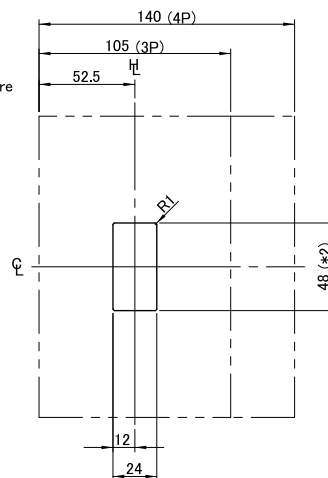


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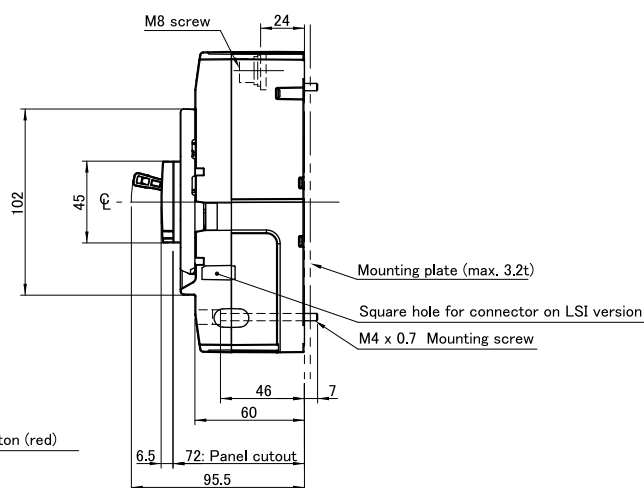
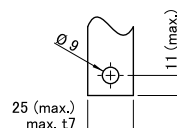
DIMENSIONAL DIAGRAM

Pannel cutout (top view)
for Cutout B

Panel cutout dimensions shown
give an allowance of 1.0 mm or more
around the handle escutcheon



Preparation of conductor



Drilling plan (top view)

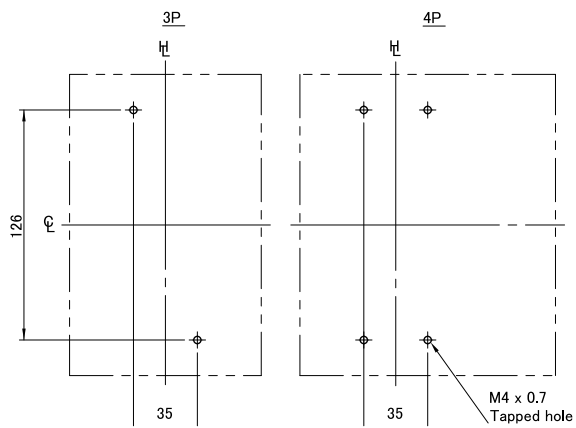


Table for square hole for connector on LSI version

Type of OCR for LSI version	A pole (PAP)		C/N pole (ECP)	
	3P	4P	3P	4P
LSI	Hole	Hole	no	no
LSI SIG	Hole	Hole	Hole	no