

P250F3200TM

Terasaki TemBreak PRO MCCB 250 Frame 36kA 3P 200A Adj.
Thermal Adj. Magnetic



TERASAKI
Innovators in Protection Technology



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 I_n	200.0 A
Number of poles	3.0
Max. rated operation voltage U_e AC	690.0 V
Rated ultimate short-circuit breaking capacity I_{cu} at 415 V, 50 Hz	36.0 kA
Rated service short-circuit breaking capacity I_{cs} 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	250.0 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 U_i	800.0 V
Suitable for isolation	Yes
Rated short circuit breaking capacity, I_{cu} 690V AC	6.0 kA
Rated short circuit breaking capacity, I_{cs} 690V AC	6.0 kA
Rated impulse withstand voltage U_{imp}	8.0 kV
Over voltage category	IV
Reverse connection of supply possible	Yes
AC power loss per pole at I_n	12.0 W
Electrical life at U_n, I_n (service cycles)	10000.0 cycles
Type of electrical connection of main circuit	Screw connection
Power loss at rated current	36.0 W

ELECTRICAL

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MECHANICAL	Connectable conductor cross section	35 - 185 mm ²
	Mechanical life (service cycles)	30000.0 cycles
	Vibration acceleration (Max)	19.0 m/s ²
	Vibration frequency, operational (Max)	16.7 Hz
	Vibration duration (Max)	12.0 min
DIMENSIONS	Height	165.0 mm
	Width	105.0 mm
	Pole connection pitch	35.0 mm
	Built-in depth	68.0 mm
	Depth (toggle included)	95.5 mm
	Weight	1.5 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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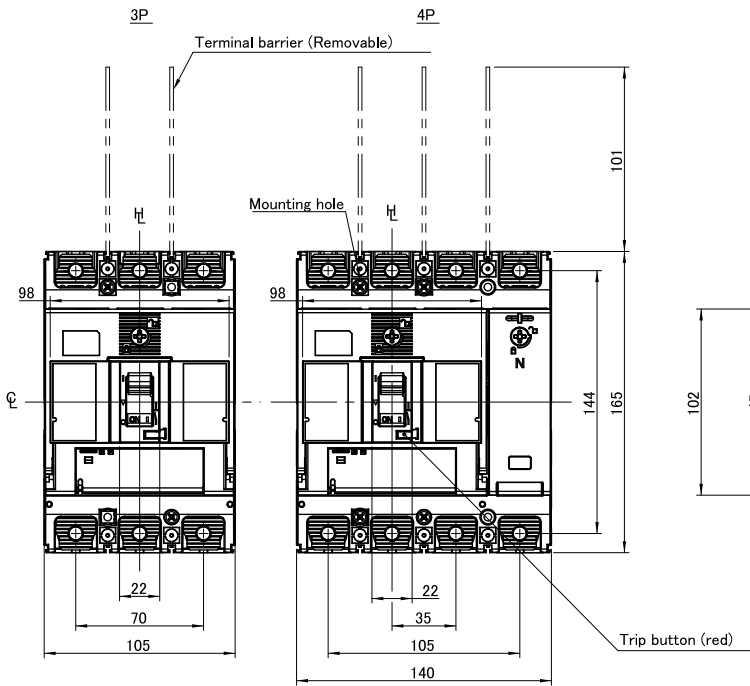
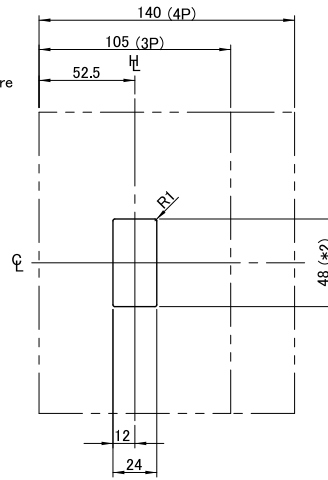
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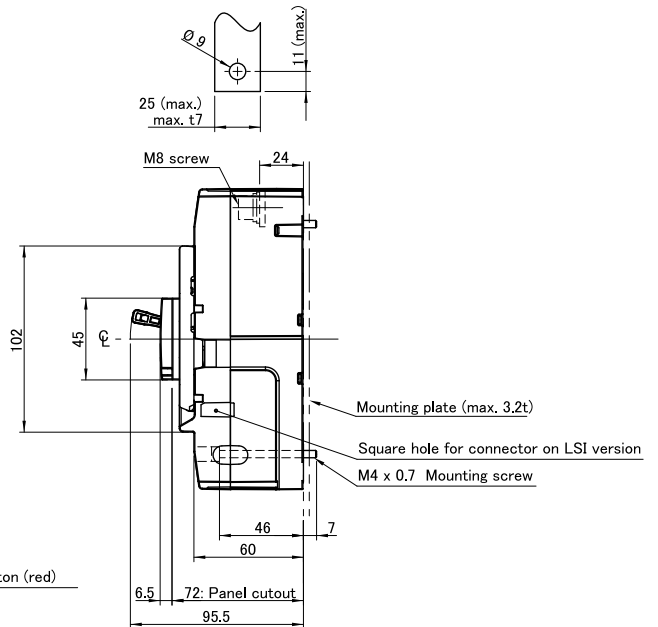
DIMENSIONAL DIAGRAM

Panel 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)

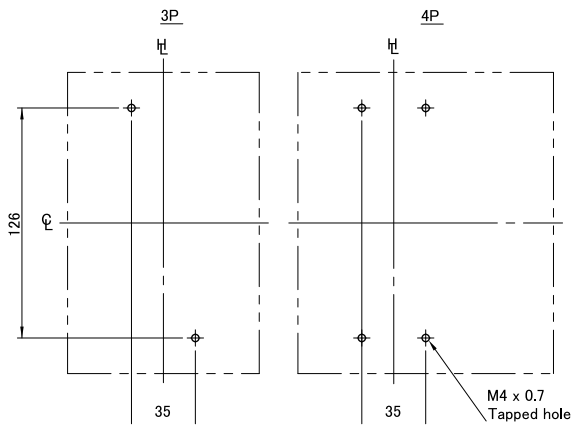


Table for square hole for connector on LSI version

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