

XS3200HL33200BE

Terasaki TemBreak PRO MCCB 3200 Frame 85kA 3P 3200A
Basic Electronic



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.

ELECTRICAL

Rated current I_n	3200.0 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	100.0 kA
Rated service short-circuit breaking capacity I_{cs} at 415 V, 50 Hz	75.0 kA
Type of protection trip unit	Electronic release
Trip curve	LSI
Frame size rating	3200.0 A
Long time overload protection adjustment range	1613 - 3200 A
Position of connection for main current circuit	Back side
Instantaneous protection adjustment range	4839 - 38400 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	45.0 kA
Rated short circuit breaking capacity, I_{cs} 690V AC	42.0 kA
Short time withstand current I_{cw}, 0.3 sec	42.0 kA
Short time protection adjustment range	3225 - 32000 A
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	286.72 W
Electrical life at U_n, I_n (service cycles)	500.0 cycles

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ELECTRICAL	Type of electrical connection of main circuit	Bolt connection
	Power loss at rated current	860.16 W
MECHANICAL	Mechanical life (service cycles)	2500.0 cycles
	Vibration acceleration (Max)	19.0 m/s ²
	Vibration frequency, operational (Max)	16.7 Hz
	Vibration duration (Max)	12.0 min
DIMENSIONS	Height	450.0 mm
	Width	320.0 mm
	Pole connection pitch	105.0 mm
	Built-in depth	185.0 mm
	Depth (toggle included)	245.0 mm
	Weight	65.0 kg
ENVIRONMENT	Pollution degree	3.0
	Rated surrounding temperature without derating	45.0 °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

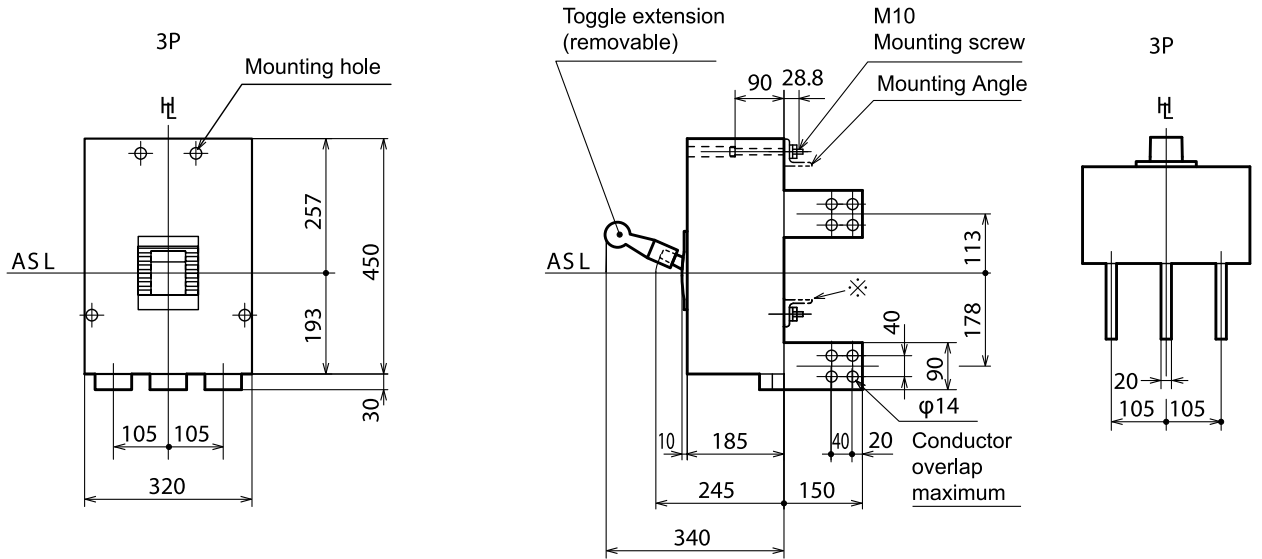
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DIMENSIONAL DIAGRAM

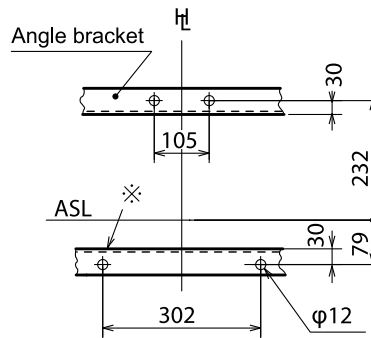
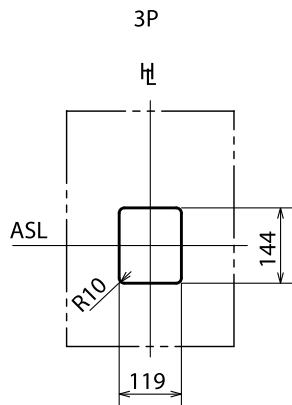
Rear Connected



Use Non-Magnetic Angle (SS304 etc.)

Panel Cutout (Front View)

Drilling Plan (front view)



Panel cutout dimensions give an allowance of 2 mm around the handle excutcheon

Use Non-Magnetic Angle (SS304)