

S250NJ3250

Terasaki TemBreak 2 MCCB 250 Frame 36kA 3P 250A Thermal Magnetic



TERASAKI
Innovators in Protection Technology



Component type	Power switching circuit breaker
Range	TemBreak 2
Model	N/A
Product status	Phased Out

Superseded range of Terasaki MCCBs.

ELECTRICAL

Rated current I_n	250.0 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	160 - 250 A
Instantaneous protection adjustment range	1500 - 2500 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	7.5 kA
Rated short circuit breaking capacity, I_{cs} 690V AC	7.5 kA
Rated impulse withstand voltage U_{imp}	8.0 kV
Reverse connection of supply possible	Yes
Electrical life at U_n, I_n (service cycles)	10000.0 cycles

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

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DIMENSIONS

Height	165.0 mm
Width	105.0 mm
Pole connection pitch	35.0 mm
Built-in depth	68.0 mm
Depth (toggle included)	95.0 mm
Weight	1.5 kg

ENVIRONMENT

Pollution degree	3.0
Rated surrounding temperature without derating	50.0 °C
Max. temperature	70.0 °C
Storage temperature	-10 - 70 °C
Allowable relative humidity	0 - 85 %
Altitude before derating (Max)	2000.0 m