

P400F3400BE

Terasaki TemBreak PRO MCCB 400 Frame 36kA 3P 400A Basic Electronic



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	400.0 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	Electronic release
Trip curve	LSI
Frame size rating	400.0 A
Long time overload protection adjustment range	147 - 400 A
Position of connection for main current circuit	Front side
Instantaneous protection adjustment range	1200 - 4800 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	7.0 kA
Rated short circuit breaking capacity, I_{cs} 690V AC	7.0 kA
Short time withstand current I_{cw}, 0.3 sec	5.0 kA
Short time protection adjustment range	221 - 4000 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	28.4 W
Electrical life at U_n, I_n (service cycles)	6000.0 cycles

ELECTRICAL

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ELECTRICAL	Type of electrical connection of main circuit	Bolt connection
	Power loss at rated current	85.2 W
MECHANICAL	Connectable conductor cross section	35 - 400 mm ²
	Mechanical life (service cycles)	15000.0 cycles
	Vibration acceleration (Max)	19.0 m/s ²
	Vibration frequency, operational (Max)	16.7 Hz
	Vibration duration (Max)	12.0 min
DIMENSIONS	Height	260.0 mm
	Width	140.0 mm
	Pole connection pitch	45.0 mm
	Built-in depth	103.0 mm
	Depth (toggle included)	145.0 mm
	Weight	4.3 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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DIMENSIONAL DIAGRAM

