P400F3400BE

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





Rated current In

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.

400.0 A

Number of poles Max. rated operation voltage Ue AC Rated ultimate short-circuit breaking capacity lou at 415 V, 50 Hz Rated service short-circuit breaking capacity los at 415 V, 50 Hz Type of protection trip unit Electronic release Trip curve LSI Frame size rating Long time overload protection adjustment range Position of connection for main current circuit Instantaneous protection adjustment range Rated frequency Rated insulation voltage Ui Suitable for isolation Rated short circuit breaking capacity, lou 690V AC Rated short circuit breaking capacity, los 690V AC Rated short circuit breaking capacity, los 690V 7.0 kA	ted operation voltage Ue AC 690.0 Iltimate short-circuit breaking capacity 15 V, 50 Hz 36.0 k Service short-circuit breaking capacity 36.0 k For protection trip unit Electron trip unit 15 V, 50 Hz Electron trip unit 15 V, 50 Hz Electron trip unit 15 V, 50 Hz Electron trip unit 15 El	A A
Rated ultimate short-circuit breaking capacity lcu at 415 V, 50 Hz Rated service short-circuit breaking capacity lcs at 415 V, 50 Hz Type of protection trip unit Electronic release Trip curve LSI Frame size rating 400.0 A Long time overload protection adjustment range Position of connection for main current circuit Instantaneous protection adjustment range Rated frequency Rated insulation voltage Ui Suitable for isolation Rated short circuit breaking capacity, lcs 690V AC Rated short circuit breaking capacity, lcs 690V 7.0 kA	Iltimate short-circuit breaking capacity 15 V, 50 Hz Service short-circuit breaking capacity 15 V, 50 Hz Figure protection trip unit Trye LSI Size rating 36.0 k 16.0 k 17.0 k 18.0 k 18.0 k 19.0 k	A A
Rated service short-circuit breaking capacity lcs at 415 V, 50 Hz Type of protection trip unit Electronic release Trip curve LSI Frame size rating Long time overload protection adjustment range Position of connection for main current circuit Instantaneous protection adjustment range Pated frequency Rated frequency Rated insulation voltage Ui Suitable for isolation Rated short circuit breaking capacity, lcu 690V AC Rated short circuit breaking capacity, lcs 690V Rated short circuit breaking capacity, lcs 690V	15 V, 50 Hz service short-circuit breaking capacity 15 V, 50 Hz sprotection trip unit size rating service short-circuit breaking capacity 36.0 k Electron trip unit 400.0	A
Type of protection trip unit Electronic release Trip curve LSI Frame size rating Long time overload protection adjustment range Position of connection for main current circuit Instantaneous protection adjustment range Rated frequency Rated insulation voltage Ui Suitable for isolation Rated short circuit breaking capacity, Icu 690V AC Rated short circuit breaking capacity, Ics 690V Rated short circuit breaking capacity, Ics 690V 7.0 kA	15 V, 50 Hz i protection trip unit rve LSI size rating 400.0	
Trip curve Frame size rating Long time overload protection adjustment range Position of connection for main current circuit Instantaneous protection adjustment range Rated frequency Rated insulation voltage Ui Suitable for isolation Rated short circuit breaking capacity, Icu 690V AC Rated short circuit breaking capacity, Ics 690V Rated short circuit breaking capacity, Ics 690V Rated short circuit breaking capacity, Ics 690V 7.0 kA	rve LSI size rating 400.0	onic release
Frame size rating Long time overload protection adjustment range Position of connection for main current circuit Instantaneous protection adjustment range Rated frequency Rated insulation voltage Ui Suitable for isolation Rated short circuit breaking capacity, Icu 690V AC Rated short circuit breaking capacity, Ics 690V Rated short circuit breaking capacity, Ics 690V 7.0 kA	size rating 400.0	
Long time overload protection adjustment range Position of connection for main current circuit Front side Instantaneous protection adjustment range 1200 - 4800 A Rated frequency 50 - 60 Hz Rated insulation voltage Ui 800.0 V Suitable for isolation Yes Rated short circuit breaking capacity, Icu 690V AC Rated short circuit breaking capacity, Ics 690V 7.0 kA		
Position of connection for main current circuit Front side Instantaneous protection adjustment range 1200 - 4800 A Rated frequency 50 - 60 Hz Rated insulation voltage Ui 800.0 V Suitable for isolation Yes Rated short circuit breaking capacity, Icu 690V AC Rated short circuit breaking capacity, Ics 690V 7.0 kA		A
Instantaneous protection adjustment range 1200 - 4800 A Rated frequency 50 - 60 Hz Rated insulation voltage Ui 800.0 V Suitable for isolation Yes Rated short circuit breaking capacity, Icu 690V AC Rated short circuit breaking capacity, Ics 690V 7.0 kA	me overload protection adjustment	400 A
Rated frequency 50 - 60 Hz Rated insulation voltage Ui 800.0 V Suitable for isolation Yes Rated short circuit breaking capacity, Icu 690V 7.0 kA Rated short circuit breaking capacity, Ics 690V 7.0 kA	n of connection for main current circuit Front	side
Rated insulation voltage Ui Suitable for isolation Rated short circuit breaking capacity, Icu 690V AC Rated short circuit breaking capacity, Ics 690V 7.0 kA	aneous protection adjustment range 1200 -	- 4800 A
Suitable for isolation Rated short circuit breaking capacity, Icu 690V AC Rated short circuit breaking capacity, Ics 690V 7.0 kA	requency 50 - 60	O Hz
Rated short circuit breaking capacity, Icu 690V 7.0 kA Rated short circuit breaking capacity, Ics 690V 7.0 kA	nsulation voltage Ui 800.0	V
Rated short circuit breaking capacity, Ics 690V	e for isolation Yes	
	short circuit breaking capacity, Icu 690V 7.0 kA	
AC 7.0 KA	hort circuit breaking capacity, lcs 690V 7.0 kA	
Short time withstand current lcw, 0.3 sec 5.0 kA	me withstand current lcw, 0.3 sec 5.0 kA	1
Short time protection adjustment range 221 - 4000 A	me protection adjustment range 221 - 4	4000 A
Rated impulse withstand voltage Uimp 8.0 kV	mpulse withstand voltage Uimp 8.0 kV	
Over voltage category	oltage category IV	
Reverse connection of supply possible Yes	e connection of supply possible Yes	
AC power loss per pole at In 28.4 W	ver loss per pole at In 28.4 V	V
Electrical life at Un, In (service cycles) 6000.0 cycles) cycles

ELECTRICAL

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ELECTRICAL	Type of electrical connection of main circuit	Bolt connection
LLECTRICAL	Power loss at rated current	85.2 W
MECHANICAL	Connectable conductor cross section	35 - 400 mm²
	Mechanical life (service cycles)	15000.0 cycles
	Vibration acceleration (Max)	19.0 m/s²
	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



