

Emax power circuit-breakers

Emax E1.2



Common data

UL 1066	
Rated voltage	600 V AC
Rated maximum voltage	635 V AC
Test voltage (1 min. 50/60 Hz)	2.2 kV
Frequency	50 - 60 Hz
Number of poles	3 - 4
Version	Fixed (F) - Drawout (W)

Type of circuit-breaker		Emax E1.2			
		B-A	N-A	S-A	
Level of performance					
Frame size	[A]	800	800	250	
	[A]	1200	1200	400	
	[A]	•	•	800	
	[A]	•	•	1200	
Capacity of neutral pole for 4 pole circuit-breakers		[% I _n]	100	100	100
Rated short circuit current at max. voltage	254 V	[kA]	42	50	65
	508 V	[kA]	42	50	65
	635 V	[kA]	42	42	42
Rated short time current (1s)		[kA]	42	50	50
Trip units					
Ekip Dip			•	•	•
Ekip Touch			•	•	•
Ekip HI-Touch			•	•	•
Ekip G Touch			•	•	•
Ekip G HI-Touch			•	•	•
Trip times					
Break time with fault current < rated short time current		[ms]	40	40	40
Break time with fault current > rated short time current		[ms]	25	25	25
Mechanical and electrical life with regular ordinary maintenance					
Mechanical life		[No. Cycles x 1000]		20	
Operation frequency		[Cycles / hour]		60	
Electrical life (at max. voltage)		[No. Cycles x 1000]	8 (800A and less) ; 6.5 (1200A)		
Operation frequency		[Cycles / hour]		30	
Weights (circuit breaker complete with trip unit, Horz. rear terminals, CS. Excluding accessories)					
Fixed (3p/4p)		[kg]	14/16		
		[lbs]	30.9/35.3		
Draw out (3p/4p)		[kg]	41/46.5		
		[lbs]	90.4/102.5		

Contact us

Canada

ABB Inc.

Low Voltage Products

2117 – 32nd Avenue

Lachine, QC, CANADA H8T 3J1

Tel.: 514-420-3100

Fax: 514-420-3137

Toll Free: 1-800-567-0283

www.abb.ca

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