

# Emax power circuit-breakers

## Emax E2

### 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

### Level of performance

		Emax E2			
		B-A	N-A	S-A	H-A
Frame size	[A]	1600	800	800	800
	[A]	—	1200	1200	1200
	[A]	—	1600	1600	1600
	[A]	—	—	—	—
	[A]	—	—	—	—
	[A]	—	—	—	—
Capacity of neutral pole for 4 pole circuit-breakers	[% I <sub>n</sub> ]	100	100	100	100
Rated short circuit current	240 V [kA]	42	65	65	85
	480 V [kA]	42	50	65	85
	600 V [kA]	42	50	65	65
Rated short time current (1s)	[kA]	42	50	65	65

### Trip units

Electronic adjustable (dip switch )	PR121	•	•	•	•
Electronic adjustable (keypad+LCD display)	PR122	•	•	•	•
Electronic adjustable (keypad+LCD display+measuring)	PR123	•	•	•	•

### Trip times

Make time (max)	[ms]	80	80	80	80
Break time (I < ST current) (max)	[ms]	70	70	70	70
Break time (I > ST current) (max)	[ms]	30	30	30	12

### Mechanical and electrical life with regular ordinary maintenance

Mechanical life	[No. Operations x 1000]	20
Operation frequency	[Operations / hour]	30
Electrical life	[No. Operations x 1000]	10
Operation frequency	[Operations / hour]	30

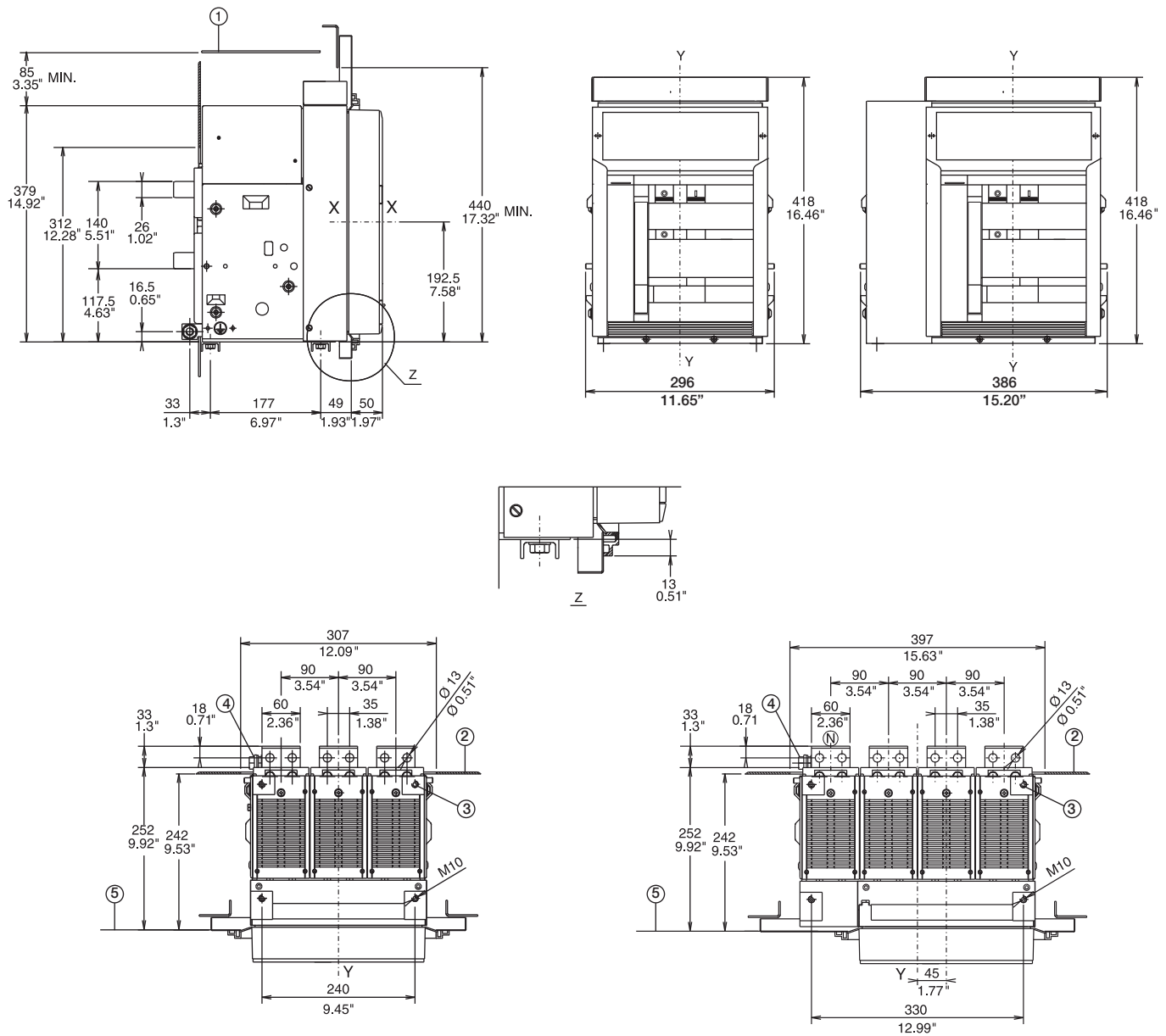
### Weights (circuit breaker complete with trip unit, Horz. rear terminals, CS. Excluding accessories)

Fixed (3p/4p)	[kg]	50/61
	[lbs]	110/134
Draw out (3p/4p)	[kg]	78/93
	[lbs]	172/205

# Emax power circuit-breakers

## Dimensions E2 series

Overall dimensions E2 (FIXED with rear horizontal bus)



- 1 Insulated wall or insulated metal wall
- 2 Segregation (when provided)
- 3 M10 mounting holes for circuit-breaker (included in the supply)
- 4 1x M12 screw for earthing (included in the supply)
- 5 Inside edge of compartment door



# 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](http://www.abb.ca)**

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