

General information

UL general ratings and specifications



E1



E2



E3

Circuit breaker type			E1		E2		E3		
			B-A	B-A	N-A	N-A	S-A	H-A	V-A
Performance level									
Rated continuous current, UL1066 File # E194191	A		800	1600	1200	2000	1200	1200	1200
	A		1200	—	1600	2500	1600	1600	1600
	A		—	—	—	—	2000	2000	2000
	A		—	—	—	—	2500	2500	2500
Rated short circuit current	240VAC	kA	42	42	65	65	85	85	100
	480VAC	kA	42	42	50	50	65	85	100
	600VAC	kA	35	42	50	50	65	65	85
Rated short time current		kA	35	42	50	50	65	65	65
Trip units									
PR111/P-A			•	•	•	•	•	•	•
PR112/P-A			•	•	•	•	•	•	•
Operation times									
Make time (max)		ms	80	80	80	80	80	80	80
Break time (I<ST current)(max)		ms	70	70	70	70	70	70	70
Break time (I>ST current)(max)		ms	30	30	30	30	30	30	30
Overall dimensions, 3 pole									
Fixed:	H=418mm / 16.46in D=302mm / 11.89in W (3 poles)	mm/in	296/11.65	296/11.65			404/15.91		
Drawout:	H=461mm / 18.15in D=396.5mm / 15.61in W (3 poles)	mm/in	324/12.76	324/12.76			432/17.01		
Weights (CB with releases, RH terminals and CTs, accessories excluded)									
Fixed 3 pole		Kg/lbs	42/93	46/101			68/150		
Drawout 3 pole		Kg/lbs	65/143	72/159			100/220		
Overall dimensions, 4 pole									
Fixed:	H=418mm / 16.46in D=302mm / 11.89in W (4 poles)	mm/in	386/15.20	386/15.20			530/20.87		
Drawout:	H=461mm / 18.15in D=396.5mm / 15.61in W (4 poles)	mm/in	414/16.30	414/16.30			558/21.97		
Weights (CB with releases, RH terminals and CTs, accessories excluded)									
Fixed 4 pole		Kg/lbs	50/110	55/121			80/176		
Drawout 4 pole		Kg/lbs	80/176	89/196			125/275		

Specifications common to the entire range

Rated max voltage	635VAC
Rated voltage	600VAC
Test voltage (1min 50/60Hz)	2.2kV
Frequency	50-60Hz
Service temperature	-5... +70°C
Storage temperature	-40... +70°C
Number of poles	3/4
Versions	Fixed/Drawout