

Phoenix Compact Series

System Current Ratings



Overview

All circuit breakers provided by the end user, that are connected to the inputs and outputs need to have a trip curve which is at least 10 times the rated current for .3 seconds. This is to prevent the breakers from tripping during startup of the unit or the loads attached to the units. Some manufacturers refer to these breakers as “High Inrush” breakers.

Watts	Input Voltage	Utility Feed Amps	Output Voltage	Max Output Amps
350	120	5	120	2.9
			277	1.3
			480	0.7
			120/240	2.9/1.5
			120/277	2.9/1.3
	208	3	120	2.9
			277	1.3
			480	0.7
			120/240	2.9/1.5
			120/277	2.9/1.3
	240	2.6	120	2.9
			277	1.3
			480	0.7
			120/240	2.9/1.5
			120/277	2.9/1.3
	277	2.2	120	2.9
			277	1.3
			480	0.7
			120/240	2.9/1.5
			120/277	2.9/1.3
480	1.3	120	2.9	
		277	1.3	
		480	0.7	
		120/240	2.9/1.5	
		120/277	2.9/1.3	

Watts	Input Voltage	Utility Feed Amps	Output Voltage	Max Output Amps
525	120	7.7	120	4.4
			277	1.9
			480	1.1
			120/240	4.4/2.2
			120/277	4.4/1.9
	208	4.4	120	4.4
			277	1.9
			480	1.1
			120/240	4.4/2.2
			120/277	4.4/1.9
	240	3.8	120	4.4
			277	1.9
			480	1.1
			120/240	4.4/2.2
			120/277	4.4/1.9
	277	3.3	120	4.4
			277	1.9
			480	1.1
			120/240	4.4/2.2
			120/277	4.4/1.9
480	1.9	120	4.4	
		277	1.9	
		480	1.1	
		120/240	4.4/2.2	
		120/277	4.4/1.9	

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Watts	Input Voltage	Utility Feed Amps	Output Voltage	Max Output Amps
700	120	10.2	120	5.8
			277	2.5
			480	1.5
			120/240	5.8/2.9
			120/277	5.8/2.5
	208	5.9	120	5.8
			277	2.5
			480	1.5
			120/240	5.8/2.9
			120/277	5.8/2.5
	240	5.1	120	5.8
			277	2.5
			480	1.5
			120/240	5.8/2.9
			120/277	5.8/2.5
	277	4.4	120	5.8
			277	2.5
			480	1.5
			120/240	5.8/2.9
			120/277	5.8/2.5
480	2.6	120	5.8	
		277	2.5	
		480	1.5	
		120/240	5.8/2.9	
		120/277	5.8/2.5	

Watts	Input Voltage	Utility Feed Amps	Output Voltage	Max Output Amps
875	120	12.8	120	7.3
			277	3.2
			480	1.8
			120/240	7.3/3.6
			120/277	7.3/3.2
	208	7.4	120	7.3
			277	3.2
			480	1.8
			120/240	7.3/3.6
			120/277	7.3/3.2
	240	6.4	120	7.3
			277	3.2
			480	1.8
			120/240	7.3/3.6
			120/277	7.3/3.2
	277	5.5	120	7.3
			277	3.2
			480	1.8
			120/240	7.3/3.6
			120/277	7.3/3.2
480	3.2	120	7.3	
		277	3.2	
		480	1.8	
		120/240	7.3/3.6	
		120/277	7.3/3.2	

Watts	Input Voltage	Utility Feed Amps	Output Voltage	Max Output Amps
1050	120	15.3	120	8.8
			277	3.8
			480	2.2
			120/240	8.8/4.4
			120/277	8.8/3.8
	208	8.8	120	8.8
			277	3.8
			480	2.2
			120/240	8.8/4.4
			120/277	8.8/3.8
	240	7.7	120	8.8
			277	3.8
			480	2.2
			120/240	8.8/4.4
			120/277	8.8/3.8
	277	6.6	120	8.8
			277	3.8
			480	2.2
			120/240	8.8/4.4
			120/277	8.8/3.8
480	3.8	120	8.8	
		277	3.8	
		480	2.2	
		120/240	8.8/4.4	
		120/277	8.8/3.8	

Watts	Input Voltage	Utility Feed Amps	Output Voltage	Max Output Amps
1400	120	20.4	120	11.7
			277	5.1
			480	2.9
			120/240	11.7/5.8
			120/277	11.7/5.1
	208	11.8	120	11.7
			277	5.1
			480	2.9
			120/240	11.7/5.8
			120/277	11.7/5.1
	240	10.2	120	11.7
			277	5.1
			480	2.9
			120/240	11.7/5.8
			120/277	11.7/5.1
	277	8.8	120	11.7
			277	5.1
			480	2.9
			120/240	11.7/5.8
			120/277	11.7/5.1
480	5.1	120	11.7	
		277	5.1	
		480	2.9	
		120/240	11.7/5.8	
		120/277	11.7/5.1	

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Watts	Input Voltage	Utility Feed Amps	Output Voltage	Max Output Amps
2000	120	29.2	120	16.7
			277	7.2
			480	4.2
			120/240	16.7/8.3
			120/277	16.7/7.2
	208	16.8	120	16.7
			277	7.2
			480	4.2
			120/240	16.7/8.3
			120/277	16.7/7.2
	240	14.6	120	16.7
			277	7.2
			480	4.2
			120/240	16.7/8.3
			120/277	16.7/7.2
	277	12.7	120	16.7
			277	7.2
			480	4.2
			120/240	16.7/8.3
			120/277	16.7/7.2
480	7.3	120	16.7	
		277	7.2	
		480	4.2	
		120/240	16.7/8.3	
		120/277	16.7/7.2	