Phoenix 1 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
2.4	120	35	120	20
			277	8.7
			480	5
			120/240	20/10
			120/277	20/8.7
	208	20.2	120	20
			277	8.7
			480	5
			120/240	20/10
			120/277	20/8.7
	240	17.5	120	20
			277	8.7
			480	5
			120/240	20/10
			120/277	20/8.7
	277	15.2	120	20
			277	8.7
			480	5
			120/240	20/10
			120/277	20/8.7
	480	8.8	120	20
			277	8.7
			480	5
			120/240	20/10
			120/277	20/8.7

Watts	Input Voltage	Utility Feed Amps	Output Voltage	Max Output Amps
2.6	120	37.9	120	21.7
			277	9.4
			480	5.4
			120/240	21.7/10.8
			120/277	21.7/9.4
	208	21.8	120	21.7
			277	9.4
			480	5.4
			120/240	21.7/10.8
			120/277	21.7/9.4
	240	19	120	21.7
			277	9.4
			480	5.4
			120/240	21.7/10.8
			120/277	21.7/9.4
	277	16.4	120	21.7
			277	9.4
			480	5.4
			120/240	21.7/10.8
			120/277	21.7/9.4
	480	9.5	120	21.7
			277	9.4
			480	5.4
			120/240	21.7/10.8
			120/277	21.7/9.4

Phoenix 1 Series

System Current Ratings

Watts	Input Voltage	Utility Feed Amps	Output Voltage	Max Output Amps
3.0	120	43.8	120	25
			277	10.8
			480	6.3
			120/240	25/12.5
			120/277	25/10.8
	208	25.2	120	25
			277	10.8
			480	6.3
			120/240	25/12.5
			120/277	25/10.8
	240	21.9	120	25
			277	10.8
			480	6.3
			120/240	25/12.5
			120/277	25/10.8
	277	19	120	25
			277	10.8
			480	6.3
			120/240	25/12.5
			120/277	25/10.8
	480	10.9	120	25
			277	10.8
			480	6.3
			120/240	25/12.5
			120/277	25/10.8

Watts	Input Voltage	Utility Feed Amps	Output Voltage	Max Output Amps
3.4	120	49.6	120	28.3
			277	12.3
			480	7.1
			120/240	28.3/14.2
			120/277	28.3/12.3
	208	28.6	120	28.3
			277	12.3
			480	7.1
			120/240	28.3/14.2
			120/277	28.3/12.3
	240	24.8	120	28.3
			277	12.3
			480	7.1
			120/240	28.3/14.2
			120/277	28.3/12.3
	277	21.5	120	28.3
			277	12.3
			480	7.1
			120/240	28.3/14.2
			120/277	28.3/12.3
	480	12.4	120	28.3
			277	12.3
			480	7.1
			120/240	28.3/14.2
			120/277	28.3/12.3

3.8	120	55.4	120	31.7
			277	13.7
			480	7.9
			120/240	31.7/15.8
			120/277	31.7/13.7
	208	32	120	31.7
			277	13.7
			480	7.9
			120/240	31.7/15.8
			120/277	31.7/13.7
	240	27.7	120	31.7
			277	13.7
			480	7.9
			120/240	31.7/15.8
			120/277	31.7/13.7
	277	24	120	31.7
			277	13.7
			480	7.9
			120/240	31.7/15.8
			120/277	31.7/13.7
	480	13.9	120	31.7
			277	13.7
			480	7.9
			120/240	31.7/15.8
			120/277	31.7/13.7

4.2	120	61.3	120	35
			277	15.2
			480	8.8
			120/240	35/17.5
			120/277	35/15.2
	208	35.3	120	35
			277	15.2
			480	8.8
			120/240	35/17.5
			120/277	35/15.2
	240	30.6	120	35
			277	15.2
			480	8.8
			120/240	35/17.5
			120/277	35/15.2
	277	26.5	120	35
			277	15.2
			480	8.8
			120/240	35/17.5
			120/277	35/15.2
	480	15.3	120	35
			277	15.2
			480	8.8
			120/240	35/17.5
			120/277	35/15.2