

☐ NOTES:

1. **WARNING:** This information assumes a dedicated transformer feeding one customer. If a transformer feeds a large entrance and a small service is also tapped from that transformer, the fault current will be much higher than shown here for the small entrance. Call the Company for information in this case.
2. These tables are worst case fault currents. Fault currents depend on distance from substation, type of feeder, type (overhead vs. underground) and size of transformer, size and length of service, etc. Call the Company for information on specific locations, sizes and voltages not given.
3. Minimum of 22 kA service entrance equipment required.
4. Meter sockets are exempt from fault current requirements per NEC 230.66, manufacturer testing issues, and Wisconsin chief electrical inspector ruling of May 1989.

Only For Cases With One Service Fed From A Transformer

Voltage	Entrance Size	Pole or Padmounted Transformer	Fault Current at Transformer	Fault Current with 25 foot Service	Fault Current with 50 foot Service	Fault Current with 75 foot Service	Fault Current with 100 foot Service	Assumed Service Conductors	X/R Values at Secondary Side of Transformer		Assumed Transformer Size
									With Pole Transformer	With Padmounted Transformer	
Single Phase 120/240	200	Either	③ 4,500	4,300	4,100	3,900	3,800	3c3/0	1.0	0.9	15
	200	Either	③ 7,900	7,400	6,900	6,500	6,100	3c3/0	1.4	1.4	25
	200	Either	14,300	12,800	11,600	10,500	9,500	3c3/0	2.0	1.6	50
	400	Either	25,500	22,700	20,300	18,400	16,700	3c350	2.3	2.4	100
	600	Either	39,600	35,500	29,500	29,000	24,700	2-3c350	12.9	19.6	167
	800	Either	49,900	46,600	43,600	40,900	38,000	6-700	22.9	14.2	250
Three Phase 120/208	200	Either	15,800	12,200	9,800	8,100	6,900	4c3/0	1.4	2.3	75
	400	Either	35,500	27,600	21,700	17,600	14,800	4c350	2.0	8.9	150
	600	Either	57,300	42,100	32,700	26,500	22,300	2-4c350	2.3	9.1	300
	800	Either	57,300	48,800	42,100	36,800	32,700	8-700	2.3	9.1	300
	1200	Either	71,600	64,500	58,600	53,600	49,200	16-700	12.9	12.8	500
	1600	Either	71,600	65,900	60,900	56,600	52,700	20-700	12.9	12.8	500
	2000	Padmounted	71,600	66,800	62,500	58,700	55,200	24-700	xx	14.6	750
	2000	Pole	99,700	90,800	83,100	76,400	70,600	24-700	20.2	xx	3-250
Three Phase 277/480	200	Either	13,300	12,300	11,300	10,400	9,600	4c3/0	2.0	13.1	150
	400	Either	25,100	22,800	20,800	19,100	17,600	4c350	2.8	17.5	300
	600	Either	34,500	31,600	29,100	26,900	24,900	2-4c350	6.6	15.9	500
	800	Padmounted	34,500	33,000	31,600	30,300	29,000	8-700	xx	11.5	750
	800	Pole	38,000	36,400	34,800	33,200	31,800	8-700	14.9	xx	3-250
	1200	Padmounted	34,500	33,700	33,000	32,300	31,600	16-700	xx	11.9	1000
	1200	Pole	47,800	46,400	45,100	43,900	42,700	16-700	25.3	xx	3-333
	1600	Padmounted	34,500	33,900	33,300	32,700	32,200	20-700	xx	12.2	1500
	1600	Pole	60,700	58,900	57,300	55,700	54,100	20-700	26.9	xx	3-500
	2000	Padmounted	46,200	45,400	44,500	43,700	42,900	24-700	xx	13.3	2500
	3000	Padmounted	46,200	45,500	44,800	44,100	43,500	28-1000 cu	xx	13.3	2500

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