

Available Fault Current at Secondary Blades (amps)

Three Phase Pad Mount Transformers

KVA	% Impedance	Volts		Volts		
		120	208		277	480
75	1.60%	13,700	13,000		5,900	5,600
112.5	1.50%	21,800	20,800		9,500	9,000
150	1.60%	27,300	26,000		11,900	11,300
225	1.80%	36,400	34,700		15,800	15,000
300	2.00%	43,700	41,600		18,900	18,000
500	2.00%	72,900	69,400		31,600	30,100
750	5.75%	38,000	36,200		16,500	15,700
1000	5.75%	N/A	N/A		21,900	20,900
1500	5.75%	N/A	N/A		33,000	31,400

Single Phase Pad Mount Transf Single Phase Pad Mount Transformers (Center Tap)

KVA	% Impedance	Volts	
		120	240
25	1.50%	12200	7300
37.5	1.50%	18000	10800
50	1.50%	23700	14200
75	1.50%	34600	20800
100	1.60%	42500	25500
167	1.60%	66600	40000

Based on a ____ KVA transformer with ____% impedance, the available fault current at the secondary blades of the transformer is ____ amps line to ground at ____ volts and ____ amps line to line at ____ volts. These are RMS symmetrical values and do not include any impedance of the secondary or service conductors or any contribution from the customers equipment. An increase in transformer size may increase these current levels.