

Determination of the Fault Current at Transformer Terminal

Rated and Short-circuit Currents of 3-phase Standard Transformers at Secondary Terminal.

Transformer Rating (kVA)	Rated Current (A) at full load current	Short-circuit Current (A) at secondary terminal
50	70	1391
100	139	2782
160	223	4452
200	278	5565
250	348	6956
315	448	8765
400	556	11130
500	696	13912
600	836	16714
700	975	19500
800	1115	22286
900	1254	25072
1000	1393	27860
1250	1741	34820
1500	2089	41780
2000	2786	55720
2500	3482	69640
3000	4179	83580

Secondary rated voltage = 415V AC; percentage impedance of transformer "Z" = 5%