

CT Sizing Table

Cable Type - PVC Insulated

Cable Size in mm ²	Diameter in mm	Current Carrying Capacity *	MAX kWp	CT to suit one (1) cable	CT to suit two (2) cables
4	4.5	31	20	10mm 60A	10mm 60A
6	5.1	40	25	10mm 60A	16mm 120 A
10	6.0	54	30	10mm 60A	16mm 120 A
16	6.9	72	50	16mm 120 A	16mm 120 A
25	8.4	97	65	16mm 120 A	25 mm 400 A
35	9.4	119	80	16mm 120 A	25 mm 400 A
50	10.9	146	100	23 mm 400 A	35 mm 600 A
70	12.4	184	125	24 mm 400 A	35 mm 600 A
95	15.2	230	150	25 mm 400 A	35 mm 600 A
120	17.3	267	180	25 mm 400 A	Rogowski
150	18.8	308	210	25 mm 400 A	Rogowski
185	21.1	358	240	25 mm 400 A	Rogowski
240	24.1	428	295	35 mm 600 A	Rogowski
300	26.7	495	340	35 mm 600 A	Rogowski
-	-	3000	2,000	110mm 3000 A	Rogowski

Cable Type - SDI

Cable Size in mm ²	Diameter in mm	Current Carrying Capacity *	MAX kWp	CT to suit one (1) cable	CT to suit two (2) cables
4	6	31	20	10mm 60A	16 mm 120 A
6	6.6	40	25	10mm 60A	16mm 120 A
10	7.8	54	30	10mm 60A	25 mm 400 A
16	8.9	72	50	16mm 120 A	25 mm 400 A

Cable Type - XLPE-CU

Cable Size in mm ²	Diameter in mm	Current Carrying Capacity *	MAX kWp	CT to suit one (1) cable	CT to suit two (2) cables
16	9.3	86	55	16mm 120 A	25 mm 400 A
25	10.5	117	80	16mm 120 A	25 mm 400 A
35	11.5	144	100	25 mm 400 A	25 mm 400 A
50	12.9	176	120	25 mm 400 A	35 mm 600 A
70	14.7	224	150	25 mm 400 A	35 mm 600 A
95	17.2	278	190	25 mm 400 A	Rogowski
120	19.6	325	225	25 mm 400 A	Rogowski
150	21.3	375	255	25 mm 400 A	Rogowski
185	23.5	435	300	35 mm 600 A	Rogowski
240	26.6	521	360	35 mm 600 A	Rogowski
300	29.4	602	415	35 mm 600 A	Rogowski
400	33.3	700	480	110mm 3000 A	Rogowski
500	37.0	810	560	110mm 3000 A	Rogowski
630	41.4	940	650	110mm 3000 A	Rogowski
-	-	3000	2,000	110mm 3000 A	Rogowski

The 3000 Amp Rogowski Coil has an internal diameter of 110mm. It suits either single cable, multi cable or bus bar up to 125mm

*Current Carrying Capacity from AS/NZS 3008.1.1 (assuming cables 'Unenclosed' & 'Touching')