



Flexible busbar bare copper

Description

The flexible elements are manufactured with an assembly of strips (Cu ETP), protected by a PVC extrusion which offers an electrical insulation as well the flexible element is twisted or used in different environments (humidity, high temperature or aggressive ambience).

THE RANGE

Standard Length: 2000 mm and 3000 mm
Strip thickness: 0.5 mm up to 1 mm
Number of strips: 2 up to 12

TECHNICAL CHARACTERISTICS

Maximum voltages: 1 000 Volts
Operating temperature: - 40 C to + 105 C
PVC thickness: 2.0 mm
Dielectric strength: Average of 20 KV/mm

Code	Number of strip	Cross section Area Sqmm		Overheating					
				10°	20°	30°	40°	50°	60°
100102	2	9x0.8	14.apr	47	74	95	114	130	
100103	3	9x0.8	21.iun	59	92	119	141	162	
100106	6	9x0.8	43.2	88	137	176	210	240	
100109	9	9x0.8	64.8	112	174	225	268	306	
100202	2	13x0.5	48	75	97	116	132	147	
100203	3	13x0.5	60	93	120	143	163	181	
100204	4	13x0.5	69	108	140	166	190	211	

100206	6	13x0.5	87	135	174	207	237	263
100210	10	13x0.5	115	180	232	276	316	351
100302	2	15.5x0.8	70	110	141	168	192	214
100303	3	15.5x0.8	87	136	175	209	239	265
100304	4	15.5x0.8	102	159	205	244	279	310
100306	6	15.5x0.8	128	199	257	306	350	389
100308	8	15.5x0.8	151	235	303	361	412	458
100310	10	15.5x0.8	172	268	345	411	470	523
100402	2	20x1	96	150	193	230	263	292
100403	3	20x1	119	186	240	286	326	363
100404	4	20x1	139	217	280	334	381	424
100405	5	20x1	158	246	317	377	431	479
100406	6	20x1	174	272	351	418	477	531
100408	8	20x1	205	321	413	492	562	625
100410	10	20x1	234	365	470	560	640	711
100402	2	20x1	96	150	193	230	263	292
100403	3	20x1	119	186	240	286	326	363
100404	4	20x1	139	217	280	334	381	424
100405	5	20x1	158	246	317	377	431	479
100406	6	20x1	174	272	351	418	477	531
100408	8	20x1	205	321	413	492	562	625
100410	10	20x1	234	365	470	560	640	711
100502	2	24x1	111	173	223	265	303	337
100503	3	24x1	137	214	276	329	375	417
100504	4	24x1	160	250	322	383	438	487
100505	5	24x1	181	282	363	433	494	550
100506	6	24x1	200	312	402	479	547	608
100508	8	24x1	234	366	471	562	641	713
100509	10	24x1	266	415	534	637	727	809
100602	2	32x1	139	218	280	334	382	424
100603	3	32x1	172	269	346	413	471	524
100604	4	32x1	200	313	403	480	548	610
100605	5	32x1	226	352	453	540	617	686
100606	6	32x1	249	388	500	596	680	756
100608	8	32x1	290	452	583	695	793	882
100610	10	32x1	327	510	657	783	894	995
100702	2	40x1	167	261	337	401	458	510
100703	3	40x1	206	322	415	494	565	628
100704	4	40x1	240	374	481	574	655	729

100705	5	40x1	269	420	541	644	736	818
100706	6	40x1	296	461	594	708	809	900
100708	8	40x1	343	535	690	822	939	1044
100710	10	40x1	385	601	774	922	1053	1179
100803	3	50x1	248	387	498	594	679	755
100804	4	50x1	287	448	577	688	786	874
100805	5	50x1	322	502	646	770	880	978
100806	6	50x1	352	550	709	844	965	1073
100808	8	50x1	407	635	818	975	1114	1238
100810	10	50x1	455	709	914	1089	1244	1383
100903	3	63x1	301	469	604	720	823	915
100904	4	63x1	347	542	698	832	950	1050
100905	5	63x1	388	605	779	929	1061	1179
100906	6	63x1	424	661	852	1015	1159	1289
100908	8	63x1	487	759	978	1166	1332	1481
100910	10	63x1	541	844	1088	1296	1481	1644
100 1003	3	80x1	368	574	739	881	1006	1119
100 1004	4	80x1	301	469	604	720	823	915
100 1005	5	80x1	347	542	698	832	950	1050
100 1006	6	80x1	388	605	779	929	1061	1179
100 1008	8	80x1	424	661	852	1015	1159	1289
1001010	10	80x1	487	759	978	1166	1332	1481
101105	5	100x1	565	882	1136	1354	1546	1720
101106	6	100x1	614	958	1235	1471	1681	1869
101108	8	100x1	699	1090	1404	1674	1912	2120
101110	10	100x1	771	1203	1550	1848	2110	2340
101112	12	100x1	836	1304	1680	2003	2287	2544