

ERIFLEX FLEXIBAR IEC® Maximum Ampacity, Red Copper

Typical Application Current Rating	ERICO FLEXIBAR Composition			ΔT 20° C (A)	ΔT 30° C (A)	ΔT 40° C (A)	ΔT 50° C (A)	ΔT 60° C (A)	ΔT 70° C (A)
125 A	8	6	0,5	105	128	143	166	182	196
	3	9	0,8	85	104	120	134	147	158
	6	9	0,8	155	190	220	245	269	290
	3	13	0,5	106	130	150	167	184	198
	2	15,5	0,8	134	165	191	212	234	252
250 A	9	9	0,8	168	206	237	265	291	314
	6	13	0,5	160	196	226	253	277	300
	4	15,5	0,8	202	248	286	320	350	380
	2	20	1	174	214	246	275	300	326
	3	20	1	228	280	323	360	395	428
400 A	2	24	1	240	295	340	380	416	450
	6	15,5	0,8	254	318	360	402	440	476
	10	15,5	0,8	288	352	407	455	498	538
	4	20	1	254	312	360	402	440	476
	5	20	1	266	326	376	420	460	498
	6	20	1	292	358	413	462	506	546
	3	24	1	261	320	370	413	453	490
	4	24	1	294	360	416	465	510	550
500 A	2	32	1	257	315	363	406	445	480
	3	32	1	304	372	430	480	525	570
	2	40	1	288	352	406	455	500	538
	5	24	1	325	398	460	514	563	608
	6	24	1	358	438	506	566	620	670
	4	32	1	347	425	490	548	600	648
630 A	3	40	1	330	405	466	522	570	617
	4	40	1	389	476	550	615	673	727
	3	50	1	374	460	530	592	650	700
	10	20	1	408	500	576	645	706	762
	8	24	1	429	525	606	678	743	802
	5	32	1	405	496	573	640	702	758
800 A	6	32	1	452	555	640	715	783	846
	5	40	1	481	590	680	760	832	900
	4	50	1	460	563	650	727	795	860
	10	24	1	506	592	716	800	877	948
	8	32	1	544	667	770	860	943	1018
	6	40	1	544	667	770	860	943	1018
1000 A	5	50	1	588	718	830	930	1016	1100
	4	63	1	541	661	763	855	935	1010
	3	80	1	523	640	740	827	906	980
	10	32	1	658	805	930	1040	1140	1230
	8	40	1	658	805	930	1040	1140	1230
	10	40	1	747	915	1055	1181	1295	1400
	6	50	1	655	802	925	1035	1135	1225
	8	50	1	743	912	1050	1175	1290	1393
	5	63	1	651	797	920	1030	1125	1220
1250 A	6	63	1	768	941	1085	1215	1330	1437
	4	80	1	642	785	906	1015	1110	1200
	5	80	1	743	910	1050	1175	1285	1390
	10	50	1	882	1080	1245	1395	1525	1650
	8	53	1	882	1080	1245	1395	1525	1650
1600 A	6	80	1	870	1065	1230	1375	1505	1627
	5	100	1	876	1070	1235	1385	1515	1635
	6	100	1	980	1205	1393	1550	1705	1843
	10	63	1	1012	1240	1435	1600	1755	1895
	8	80	1	1012	1240	1430	1600	1755	1895
	10	80	1	1123	1375	1585	1775	1945	2100
	8	100	1	1148	1405	1625	1815	1990	2147
10	100	1	1255	1535	1775	1985	2170	2350	
12	100	1	1338	1636	1890	2115	2315	2500	
10	120	1	1474	1792	2070	2330	2550	2755	

ADMISSIBLE CURRENTS: This table indicates the temperature rise produced by chosen current in the given section. This calculation does not take into account the heat dissipation from the switch gear.

ΔT = Temperature of conductors – Internal temperature of panel.

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WARNING

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