

TABLE 13
CURRENT-CARRYING CAPACITIES

CABLE TYPES: THREE-CORE AND FOUR-CORE (See Note 1)
INSULATION TYPE: THERMOPLASTIC (See Note 2)
MAXIMUM CONDUCTOR TEMPERATURE: 75°C
REFERENCE AMBIENT TEMPERATURE: 30°C IN AIR, 15°C IN GROUND

1	2	3	4	5	6	7	8	9	10	11	12	13
Conductor size	Current-carrying capacity, A											
	Unenclosed									Enclosed		
	Spaced			Touching			Exposed to sun			Wiring enclosure in air		
	Cu		Al	Cu		Al	Cu		Al	Cu		Al
Solid/ Stranded	Flexi- ble	Solid/ Stranded		Flexi- ble	Solid/ Stranded		Flexi- ble	Solid/ Stranded		Flexi- ble	Solid/ Stranded	
mm²												
1	15	15	—	14	15	—	10	11	—	13	13	—
1.5	18	19	—	17	18	—	14	14	—	16	16	—
2.5	26	25	—	25	24	—	19	18	—	23	22	—
4	35	34	—	33	32	—	26	25	—	29	27	—
6	46	43	—	42	41	—	33	32	—	38	36	—
10	62	62	—	58	58	—	44	43	—	50	49	—
16	82	81	64	78	76	60	58	57	46	66	65	51
25	111	107	86	104	101	81	76	74	59	87	83	67
35	137	133	106	128	125	99	93	91	73	107	105	83
50	166	169	129	156	157	121	113	114	88	128	128	99
70	211	211	163	196	197	153	140	140	109	162	162	127
95	260	253	202	243	236	188	171	165	132	202	196	156
120	302	299	235	282	278	219	196	193	153	230	227	179
150	345	343	268	321	319	250	221	219	172	260	261	202
185	397	390	310	369	363	288	251	245	196	300	293	235
240	470	464	368	437	431	343	292	286	228	360	352	283
300	538	529	424	499	490	393	328	321	259	—	—	—
400	620	626	495	575	579	458	372	372	296	—	—	—
500	702	715	568	651	661	526	414	416	335	—	—	—

(continued)