

## I max (A) for wires & cables with rubber or PVC insulation

Conductor-Cu, Umax-1000V. Installation type: open or in pipe. Cable Tmax +65 °C, Environment Tmax- +25 °C

Conductor cross section, mm <sup>2</sup>	I <sub>max</sub> (A)					
	in open area	in one pipe				
		2 wires	3 wires	4 wires	2 cores cab.	3 cores cab.
0,5	11	-	-	-	-	-
0,75	15	-	-	-	-	-
1	17	16	15	14	15	14
1,5	23	19	17	16	18	15
2,5	30	27	25	25	25	21
4	41	38	35	30	32	27
6	50	46	42	40	40	34
10	80	70	60	50	50	50
16	100	85	80	75	80	70
25	140	115	100	90	100	85
35	170	135	125	115	125	100
50	215	185	170	150	160	135
70	270	225	210	185	195	175
95	330	275	255	225	245	215
120	385	315	290	260	295	250
150	440	360	330	-	-	-

Conductor-Al, Umax- 1000V, Installation type: open or in pipe. Cable Tmax +65 °C, Environment Tmax- +25 °C

Conductor cross section, mm <sup>2</sup>	I <sub>max</sub> (A)					
	in open area	in one pipe				
		2 wires	3 wires	4 wires	2 cores cab.	3 cores cab.
2	21	19	18	15	17	14
2,5	24	20	19	19	19	16
3	27	24	22	21	22	18
4	32	28	28	23	25	21
5	36	32	30	27	28	24
6	39	36	32	30	31	26
8	46	43	40	37	38	32
16	75	60	60	55	60	55
25	105	85	80	70	75	65
35	130	100	95	85	95	75
50	165	140	130	120	125	105
70	210	175	165	140	150	135
95	255	215	200	175	190	165
120	295	245	220	200	230	190
150	340	275	255	-	-	-

Conductor-Cu, Umax- 1000V. Installation type: open or under ground. Cable Tmax +65 °C, Air Tmax- +25 °C, Ground Tmax-15°C. Ground temperature resistance- 1,2 K.m/W.

Conductor cross section, mm <sup>2</sup>	I <sub>max</sub> (A)				
	In air			Underground	
	1 core cab.	2 cores cab.	3 cores cab.	2 cores cab.	3 cores cab.
1,5	23	19	33	19,7	27
2,5	30	27	44	25	38
4	41	38	55	35	49
6	50	50	70	42	60
10	80	70	105	55	90
16	100	90	135	75	115
25	140	115	175	95	150
35	170	140	210	120	180
50	215	175	265	145	225
70	270	215	320	180	275
95	325	260	385	220	330
120	385	300	445	260	385
150	440	350	505	305	435
185	510	405	570	350	500

Conductor-Al, Umax- 1000V, Installation type: open or under ground. Cable Tmax +65 °C, Air Tmax- +25 °C, Ground Tmax-15°C. Ground temperature resistance- 1,2 K.m/W.

Conductor cross section, mm <sup>2</sup>	I <sub>max</sub> (A)				
	In air			Underground	
	1 core cab.	2 cores cab.	3 cores cab.	2 cores cab.	3 cores cab.
2,5	23	21	34	19	29
4	31	29	42	27	38
6	38	38	55	32	46
10	60	55	80	42	70
16	75	70	105	60	90
25	105	90	135	75	115
35	130	105	160	90	140
50	165	135	205	110	175
70	210	165	324	140	210
95	250	200	295	170	255
120	295	230	340	200	295
150	340	270	390	235	335
185	390	310	440	270	285
240	465	-	-	-	-