FØLSGAARD
Din TeknikPartner

CLASS 2 BARE COPPER CONDUCTORS GUARANTEED CHARACTERISTICS

No	PARAMETERS	UNIT		VALUE						
01	Type	-		Circular Compacted						
02	Applied Standards	-		TS 3 / TS IEC 60228						
03	Oxygen Content (max.)	ppm		5						
04	Max. Continuous Conductor Temp.	°C		180						
05	Cross Section Area	mm²	6	10	16	25	35	50	70	95	120
06	Number Of Wires And Wire Diameter	mm	7x1,04	7x1,33	7x1,72	7x2,19	7x2,56	10x2,60	14x2,60	19x2,57	24x2,57
07	Current Carrying Capacity In Air (Ambient Temperature at 30°C) Thermal Resistance	A	85,06	104,60	129,89	170,12	203,45	250,58	309,20	367,82	427,59
08	Current Carrying Capacity :(Thermal Resistivity of Soil 1,0 Km/W),(Depth of Laying 0,7 m),(Soil Temperature 15 °C)	A	104,17	128,10	159,07	208,34	249,16	306,88	378,67	450,46	523,66
09	Current Carrying Capacity :(Thermal Resistivity of Soil 1,0 Km/W),(Depth of Laying 0,7 m),(Soil Temperature 8 °C)	A	107,30	131,95	163,85	214,59	256,64	316,09	390,03	463,98	539,37
10	Conductor DC Resistance at 20°C	Ω/km	3,0800	1,8300	1,1500	0,7270	0,5240	0,3870	0,2680	0,1930	0,1530
11	Conductor AC Resistance at 180°C	Ω/km	5,016704	2,980704	1,8731	1,1841	0,8535	0,6303	0,4365	0,3144	0,2492
12	Max. Short-Circuit Current (Duration of 0,5 Seconds)	kA	1,213	2,022	3,236	5,056	7,078	10,110	14,160	19,210	24,270
13	Max. Short-Circuit Current (Duration of 1 Seconds)	kA	0,86	1,43	2,29	3,58	5,01	7,15	10,01	13,59	17,16
14	Max. Short-Circuit Current (Duration of 5 Seconds)	kA	0,384	0,640	1,023	1,599	2,238	3,198	4,477	6,075	7,674
15	Outer Diameter	mm	3,15	3,90	4,80	6,00	7,00	8,20	10,00	11,60	13,10
16	Weight of Copper (Approx.)	kg/km	50	85	140	220	315	415	605	830	1050