TESLA CABLES

H07BQ-F Polyurethane Building Site Cable with Rubber Insulated Conductors

Application:

This termination and connection cable with high mechanical stress-resistance can be used in dry, damp or wet rooms as well as in the open-air. It is ideal for application in industrial plants, building sites, in fact everywhere where extreme wear and tear resistance is required and where the cable is subjected to hard utilisation.

Construction:

1 ..... fine-stranded tinned or bare copper
2 ..... core insulation of a rubber compound (EL6)
3 ..... outer sheath of polyurethane (PUR), orange

Standards:

DIN VDE 0282-10
HD 22.10 S1+A1
DIN EN 60228 class 5 (construction)
HD 308 S2 (core identification)

Technical data:

Nominal voltage Uo/U		[V]	450 / 750 Volt
Test voltage		$[V]_{AC}$	2500
Temperature range	in motion		-40°C till +90°C
Operating temperature	short circuit	°C	200
Short circuit time	max.	[sec]	5
Bending radius	one time / fixed	x diameter	4
	in motion	x diameter	5
Oil-resistant	standard		EN 60811-2-1
Flammability	standard		EN 60332-1-2

with filling compound

Number of cores and nominal cross section mm²	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg/km
2 X 1,5	28,8	30 x 0,26	8,8	88
3 G 1,5	43,2	30 x 0,26	9,3	110
4 G 1,5	57,6	30 x 0,26	10,3	140
5 G 1,5	72,0	30 x 0,26	11,2	169
3 G 2,5	72,0	50 x 0,26	11,0	163
4 G 2,5	96,0	50 x 0,26	12,2	208
5 G 2,5	120,0	50 x 0,26	13,5	257
5 G 4	192,0	56 x 0,31	15,6	365
5 G 6	288,0	84 x 0,31	17,6	504
5 G 10	480,0	80 x 0,41	23,2	962
5 G 16	768,0	128 x 0,41	27,1	1.379
5 G 25	1.200,0	200 x 0,41	33,3	2.169

The above values correspond to the manufacturer's specifications and are not guaranteed.

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Member of MEINHART

without filling compound

Number of cores and nominal cross section mm²	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg/km
2 X 1,5	28,8	30 x 0,26	8,8	88
3 G 1,5	43,2	30 x 0,26	9,3	110
4 G 1,5	57,6	30 x 0,26	10,3	140
5 G 1,5	72,0	30 x 0,26	11,2	169
2 X 2,5	48,0	50 x 0,26	10,4	129
3 G 2,5	72,0	50 x 0,26	11,0	163
4 G 2,5	96,0	50 x 0,26	12,2	208
5 G 2,5	120,0	50 x 0,26	13,5	257
3 G 4	115,2	56 x 0,31	13,1	236
4 G 4	153,6	56 x 0,31	14,0	293
5 G 4	192,0	56 x 0,31	15,6	365
4 G 6	230,4	84 x 0,31	15,2	346
5 G 6	288,0	84 x 0,31	17,6	504
4 G 10	384,0	80 x 0,41	20,2	702
5 G 10	480,0	80 x 0,41	23,2	962
4 G 16	614,4	128 x 0,41	22,8	981
5 G 16	768,0	128 x 0,41	27,1	1.379
5 G 25	1.200,0	200 x 0,41	33,3	2.169

Number of cores and nominal cross section mm²	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg/km
07BQ-F				
7 G 1,5	100,8	30 x 0,26	14,0	291
7 G 2,5	168,0	50 x 0,26	16,5	431
12 G 1,5	172,8	30 x 0,26	18,0	446
12 G 2,5	288,0	50 x 0,26	21,0	641

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