

PVC SHEATED FLAT LIFT AND SUBMERSIBLE PUMP CABLES



CODE

H07VVH6-F CU/PVC/PVC

CU: IEC 60228 CLASS 5

F: Flex copper conductor

Standards

TS IEC 60227-6 71F

Technical Data

Max. operating temperature

: 70 °C

Short circuit temperature

: 160 °C (max. 5 sn.)

Rated voltage

: 450/750 V

Application

Used as control and power cables in elevators, escalators, cranes and submersible pumps.

Construction

1. Flexible wires with fine stranded copper conductors
2. PVC insulation.
3. PVC sheath

Type	Nominal cross-section mm ²	Overall Diameter (approx.) mm	Net Weight (approx.) kg/km	DC Conductor Resistance at 20 °C ohm / km	Current Carrying Capacity
					In Air at 30 °C A
H07VVH6-F	2 x 1,5	6,10 x 9,00	98,31	13,3	16
	2 x 2,5	7,33 x 10,86	147,82	7,98	20
	2 x 4	7,84 x 11,89	187,75	4,95	25
	2 x 6	8,36 x 12,92	234,77	3,3	33
	2 x 10	9,69 x 15,59	355,19	1,91	45
	2 x 16	11,20 x 18,20	511,08	1,21	61
	2 x 25	12,80 x 21,40	706,85	0,78	80
	2 x 35	14,35 x 24,10	937,75	0,554	103
	2 x 50	16,40 x 28,00	1.293,22	0,386	120
	2 x 70	18,60 x 32,20	1.742,57	0,272	152
	2 x 95	21,20 x 36,30	2.326,04	0,206	184
	2 x 120	24,00 x 41,40	2.941,12	0,161	212
	2 x 150	25,90 x 44,80	3.593,76	0,129	315
	3 x 1,5	6,10 x 11,90	134,01	13,3	16
	3 x 2,5	7,33 x 14,39	202,22	7,98	20
	3 x 4	7,84 x 15,93	260,70	4,95	25
	3 x 6	8,36 x 17,48	329,83	3,3	33
	3 x 10	9,69 x 21,48	506,81	1,91	45
	3 x 16	11,20 x 25,20	733,18	1,21	61
	3 x 25	12,80 x 30,00	1.021,97	0,78	80
	3 x 35	14,35 x 33,85	1.359,30	0,554	103
3 x 50	16,40 x 36,90	1.883,20	0,386	120	
3 x 70	18,60 x 45,80	2.546,73	0,272	152	

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3 x 95	21,20 x 51,40	3.394,89	0,206	184
3 x 120	24,00 x 58,80	4.295,91	0,161	212
3 x 150	25,90 x 63,70	5.257,83	0,129	315
4 x 1,5	6,10 x 14,81	169,71	13,3	16
4 x 2,5	7,33 x 17,92	256,63	7,98	20
4 x 4	7,84 x 19,98	333,66	4,95	25
4 x 6	8,36 x 22,04	424,88	3,3	33
4 x 10	9,69 x 27,37	658,44	1,91	45
4 x 16	11,20 x 32,20	955,28	1,21	61
4 x 25	12,80 x 38,60	1.337,09	0,78	80
4 x 35	14,35 x 43,60	1.780,86	0,554	103
4 x 50	16,40 x 51,20	2.473,17	0,386	120
4 x 70	18,60 x 59,40	3.350,89	0,272	152
4 x 95	21,20 x 66,50	4.463,75	0,206	184
4 x 120	24,00 x 76,20	5.650,70	0,161	212
5 x 1,5	6,10 x 17,71	205,40	13,3	16
5 x 2,5	7,33 x 21,45	311,03	7,98	20
5 x 4	7,84 x 24,02	406,62	4,95	25
5 x 6	8,36 x 26,60	519,94	3,3	33
5 x 10	9,69 x 33,27	810,06	1,91	45
5 x 16	11,20 x 39,20	1.177,38	1,21	61
5 x 25	12,80 x 47,20	1.652,21	0,78	80
5 x 35	14,35 x 53,35	2.202,41	0,554	103
5 x 50	16,40 x 62,80	3.063,15	0,386	120
5 x 70	18,60 x 73,00	4.155,06	0,272	152
5 x 95	21,20 x 81,60	5.532,60	0,206	184
5 x 120	24,00 x 93,60	7.005,50	0,161	212