



HALLEY CABLES

H07RNH6-F

Control Cable (450/750)

Copper conductor cable, insulated and sheathed with special PVC compounds



Construction:

Conductors : bare annealed copper conductors, circular compacted flexible, stranded, class 5.
Insulation : special PVC/D.
Middle segment : filler
Outer sheath : special PVC/ST5.

Technical data and tests:

Rated voltage : 450/750 V.
Test voltage : 2500 V.
Operating temperature : 70° C.
Short circuit temperature : 160° C.
Minimum bending radius : 8 x D.
Core identification : 3 cores : blue-black-brown
4 cores : g/yellow-blue-black-brown

Standards:

Cable design : IEC 60227-6.
Conductor : EN 60228.
Flame retardant : IEC 60332-1-2.

Properties:

Resistant to normal and salty water.
Oil resistant.
Suitable for lifts and submersible pumps.
Suitable for divers pumps.

Applications:

This cable is used for control in lifts, elevators also as power cable in cranes and submersible pumps.

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DIMENSIONS

Cross section mm ²	Conductor	Insulation thickness mm e1	Insulation diameter mm e2	Sheath thickness mm		Cable diameter mm		Conductor resistance ohm/km	Current carrying capacity A	Copper weight kg/km	Total weight kg/km
				e3	e4	e5	e6				
3X1,5	30/0,24	0,70	2,80	1,50	1,10	11,40	5,00	13,30	24	35	121
3X2,5	50/0,24	0,80	3,40	1,80	1,30	13,80	6,00	7,98	32	58	191
3X4	50/0,30	0,80	4,10	1,80	1,20	15,90	6,50	4,95	42	95	246
3X6	73/0,30	0,80	4,50	1,80	1,45	17,10	7,40	3,30	54	141	355
3X10	71/0,40	1,00	5,90	1,80	1,40	21,30	8,70	1,91	73	246	536
3X16	112/0,40	1,00	6,90	2,00	1,55	24,70	10,00	1,21	98	386	769
3X25	300/0,30	1,20	8,80	2,00	1,60	30,40	12,00	0,78	129	595	1092
3X35	415/0,30	1,20	10,20	2,20	1,90	35,00	14,00	0,55	158	802	1402
3X50	350/0,40	1,40	11,90	2,30	2,25	40,30	16,40	0,39	198	1159	2025
3X70	490/0,40	1,40	13,50	2,40	2,20	45,30	17,90	0,73	245	1683	2705
3X95	630/0,40	1,60	15,20	2,95	2,80	51,50	20,80	0,21	292	2213	3577
4X1,5	30/0,24	0,70	2,80	1,50	1,10	14,20	5,00	13,30	24	47	159
4X2,5	50/0,24	0,80	3,40	1,80	1,30	17,20	6,00	7,98	32	78	286
4X4	50/0,30	0,80	4,10	1,80	1,20	20,00	6,50	4,95	42	127	365
4X6	73/0,30	0,80	4,50	1,80	1,45	21,60	7,40	3,30	54	189	442
4X10	71/0,40	1,00	5,90	1,80	1,40	27,20	8,70	1,91	73	328	688
4X16	112/0,40	1,00	6,90	2,00	1,55	31,60	10,00	1,21	98	515	1041
4X25	300/0,30	1,20	8,80	2,00	1,60	39,20	12,00	0,78	129	793	1497
4X35	415/0,30	1,20	10,20	2,20	1,90	45,20	14,00	0,554	158	1069	1897
4X50	350/0,40	1,40	11,90	2,30	2,25	52,20	16,40	0,386	198	1546	2705
4X70	490/0,40	1,40	13,50	2,40	2,20	58,80	17,90	0,272	245	2243	3708
4X95	630/0,40	1,40	15,20	2,95	2,80	66,70	20,80	0,206	292	2951	4480
3X16+10	112/0,40	1,00	6,90	2,00	1,55	31,60	10,00	1,21/1,91	98	468	1072
3X25+16	300/0,30	1,20	8,80	2,00	1,60	39,20	12,00	0,78/1,21	129	724	1438
3X35+16	415/0,30	1,20	10,20	2,20	1,90	45,20	14,00	0,554/1,21	158	931	1780
3X50+25	350/0,40	1,40	11,90	2,30	2,25	52,20	16,40	0,386/0,78	198	1357	2547
3X70+35	490/0,40	1,40	13,50	2,40	2,20	58,80	17,90	0,272/0,554	245	1950	3461
3X95+50	630/0,40	1,60	15,20	2,95	2,80	66,70	20,80	0,206/0,386	292	2599	4190

