

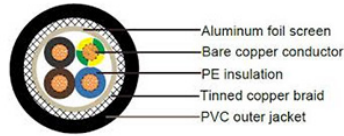


HALLEY CABLES

2YSL(St)CYv 70° C

Control Cables 0.6/1 kV

PE insulated, screened, motor connection cable



Construction:

- Conductor : plain flexible copper wires.
- Insulation : polyethylene.
- Screen : aluminium foil + copper-braiding, tinned.
- Screen coverage : 75%.
- Outer sheath : PVC compound, enforce.
- Sheath colour : RAL 9005, black.

Technical data and tests:

- Rated voltage U₀/U : 0,6/1 kV.
- Test voltage : 4 kV.
- Temperature range : fixed : - 30° C ~ + 70° C.
mobile: - 5° C ~ + 70° C.
- Min. bending radius : installation : 10 x D.
moved application : 25 x D.

*EMC - electromagnetic compatibility.

Standards:

- Flame retardant : VDE 0482-332-1-2/IEC 60332-1.
- Oil resistant : EN 60811-2-1.
- Core identif. : VDE 0293 (HD 308).

Applications:

The cable has been developed for connecting motors to inverse rectifiers under consideration of EMC requirements. It may be used under medium mechanical stress for fixed installations and temporary movement. Also for outdoor installation, but not for direct burial. The cable is resistant against most usual oil and grease.

*Any other sections available upon request.



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www.halleycables.com

DIMENSIONS

Conductors x diameter no x mm ²	Conductor resistance Ω/km	Ampacity (in air) A	Outer diameter mm ²	Copper weight kg/km	Approx. cable weight kg/km
03X1,5 + 03G0,25	13,3	18	10,2	86	140
03X2,5 + 03G0,5	7,98	26	11,4	144	220
03X4 + 03G0,75	4,95	34	13,1	224	323
03X6 + 03G1	3,3	44	14,9	298	420
03X10 + 03G1,5	1,91	61	18,4	511	615
03X16 + 03G2,5	7,98	82	21,6	723	819
03X25 + 03G4	4,95	108	25,3	1204	1402
03X35 + 03G6	0,554	135	27,8	1535	1718
03X50 + 03G10	0,386	168	32,6	2208	2399
03X70 + 03G10	0,272	207	38,9	2980	3173
03X95 + 03G16	0,206	250	44,3	3953	4162
03X120 + 03G16	0,161	292	46,8	5007	5253
03X150 + 03G25	0,129	335	53,5	5412	6128
03X185 + 03G35	0,106	382	59,5	6969	7450
03X240 + 03G50	0,0801	453	70	9123	10800
03X300 + 03G70	0,0641	523		11965	13760
04X1,5	13,3	18	10,4	95	154
04X2,5	7,98	26	12,3	150	229
04X4	4,95	34	14,5	235	339
04X6	3,3	44	16,8	320	451
04X10	1,91	61	19,7	533	667
04X16	7,98	82	22	789	892
04X25	4,95	108	27	1236	1440
04X35	0,554	135	30,3	1663	1861
04X50	0,386	168	35	2345	2547
04X70	0,272	207	39,4	3196	3404
04X95	0,206	250	46	4316	4888
04X120	0,161	292	51,4	5435	5703
04X150	0,129	335	58,8	6394	7040
04X185	0,106	382	61,1	8203	9150
04X240	0,0801	453	70	11008	12500
04X300	0,0641	523		13485	15508

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