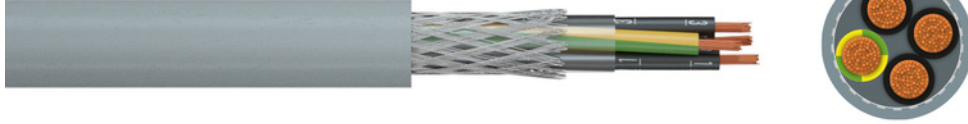


Screened FRNC control cable HSLCH-JZ/-OZ/-JB



Application: LSOH control cable for multiple purposes in control and measurement circuits with specific EMC (electromagnetic compatibility) requirements. For indoor use only. The cable is to a large extent resistant to oil and grease.

Construction and technical data:

CPR-classification according to EN 50575:	Dca
Conductor material:	bare copper strand
Conductor construction:	Class 5 = flexible
Insulation:	FRNC-compound HI2
Core wrapping:	plastic foil
Screen:	tinned copper braid
Screen coverage:	70 %
Sheathing material:	FRNC-compound HM2
Colour of outer sheath:	grey RAL 7001
Flame-retardant:	VDE 0482-266-2-4/IEC 60332-3-24 (Cat. C)
Smoke density:	DIN EN 61034/IEC 61034
Halogen-free:	DIN EN 50267/IEC 60754
Oil-resistant:	yes
Max. temperature at conductor, °C:	70 °C
Permitted outer cable temperature, fixed, °C:	-30 - +70 °C
Permitted outer cable temperature, moved, °C:	-5 - +70 °C
Bending radius, fixed installation:	5 x Ø
Bending radius, moving application:	10 x Ø



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

HSLCH-JZ**Nominal voltage U_o:** 300 V**Nominal voltage U:** 500 V**Test voltage:** 2 kV**Protective conductor:** yes**Core identification:** green-yellow + numbers

part no.	part name	RI [Ohm/km]	I _{bl} [A]	Ø [mm]	Cu	G [kg]
032741	03X0.5	39	6	6.2	50	55
032742	04X0.5	39	6	6.6	55	66
032743	05X0.5	39	6	7.2	66	80
032744	07X0.5	39	6	8.6	80,5	108
036161	10X0.5	39	6	9.3	94,3	8453
032745	12X0.5	39	6	9.9	139	162
032746	18X0.5	39	6	11.9	156,2	227
032747	25X0.5	39	6	13.7	250	317
032749	03X0.75	26	12	6.7	58	70
032750	04X0.75	26	12	7.5	64	80
032751	05X0.75	26	12	8.1	77,4	100
032752	07X0.75	26	12	9	102	133
036162	10X0.75	26	12	10.3	140	164
032753	12X0.75	26	12	11.3	177	203
032159	18X0.75	26	12	13.5	245	284
032160	25X0.75	26	12	15.8	276	380
032755	03X1	19.5	15	6.9	65,3	80
032756	04X1	19.5	15	7.5	78,1	98
032757	05X1	19.5	15	8.5	91	121
032758	07X1	19.5	15	9.5	117	160
036163	10X1	19.5	12	10.9	156	8453
032759	12X1	19.5	15	11.7	188	245
032760	18X1	19.5	15	13.9	286	376
032761	25X1	19.5	15	16.4	389	502
031889	03X1.5	13.3	18	7.5	77	119
031867	04X1.5	13.3	18	8.2	96,2	125
031860	05X1.5	13.3	18	8.9	125	182
031890	07X1.5	13.3	18	10.5	159	232
036164	10X1.5	13.3	18	12.1	216,3	298
031891	12X1.5	13.3	18	13.2	254,5	360
031892	18X1.5	13.3	18	15.6	367,7	507
031893	25X1.5	13.3	18	18.2	492,4	694
032763	03X2.5	7.98	26	9.3	149	160
031819	04X2.5	7.98	26	10	174,2	194
031852	05X2.5	7.98	26	11.5	200,8	386
031854	07X2.5	7.98	26	13.8	288	498
036165	10X2.5	7.98	26	15	365,9	8453
031973	12X2.5	7.98	26	17	441	796
037773	18X2.5	7.98	26	19.3	540	710
032765	03X4	4.95	34	10.7	178,1	249
031843	04X4	4.95	34	11.9	248	288
032161	05X4	4.95	34	13.1	328	337
032766	07X4	4.95	34	15.1	388	488
032768	03X6	3.3	44	12.5	280	347
031856	04X6	3.3	44	14.2	362	399
031853	05X6	3.3	44	16	453	770
032769	07X6	3.3	44	19.2	542	670

part no.	part name	RI [Ohm/km]	I _{bl} [A]	Ø [mm]	Cu	G [kg]
032771	03X10	1.91	61	15.9	385	501
031820	04X10	1.91	61	17.8	558	698
032772	05X10	1.91	61	19.6	640	828
032773	07X10	1.91	61	21.6	850	1254
031857	04X16	1.21	82	20.8	910	987
032774	05X16	1.21	82	22.9	1051	1207
032775	07X16	1.21	82	25.2	1470	1816
032776	03X25	0.78	108	24.8	900	1214
031858	04X25	0.78	108	26.2	1289	1592
032777	05X25	0.78	108	29.4	1486	2002
032778	03X35	0.554	135	27.9	1130	1622
032040	04X35	0.554	135	33.5	1690	2380
032779	05X35	0.554	135	33.8	2015	2664
032780	03X50	0.386	168	35.7	1766	2471
032129	04X50	0.386	168	39.2	2325	3003
032781	05X50	0.386	168	43.3	2781	3882
032782	03X70	0.272	207	41.4	2218	3840
032656	04X70	0.272	207	45.3	3089	4939
032783	05X70	0.272	207	49.6	3696	6572
032784	03X95	0.206	250	47.7	3010	5651
032657	04X95	0.206	250	52.4	4013	6690
032785	05X95	0.206	250	57.5	5016	8370
032786	03X120	0.161	292	51	3802	6342
032787	04X120	0.161	292	56.1	5067	8453

HSLCH-OZ

Nominal voltage U_o:	300 V
Nominal voltage U:	500 V
Test voltage:	2 kV
Protective conductor:	no
Core identification:	numbers

part no.	part name	RI [Ohm/km]	I _{bl} [A]	Ø [mm]	Cu	G [kg]
032740	02X0.5	39	6	5.8	35	47
032748	02X0.75	26	12	6.4	45	58
032754	02X1	19.5	15	6.6	50	64
031888	02X1.5	13.3	18	7.9	63,3	97
032762	02X2.5	7.98	26	8.5	98	132
032764	02X4	4.95	34	10	163	209
032767	02X6	3.3	44	11.9	200	278
032770	02X10	1.91	61	14.9	328	434
037763	05X1.5	13.3	18	8.9	125	182
037764	07X1.5	13.3	18	10.5	159	232
037765	12X1.5	13.3	18	13.2	254,5	360
037766	25X1.5	13.3	18	18.2	492,4	694
037767	12X2.5	7.98	26	17	441	796
037768	25X2.5	7.98	26	28.7	790	980

RI	Conductor resistance
I _{bl}	Ampacity in air (30 °C)
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000