

FRNC control cable HSLH-JZ/-OZ B2ca



Application: Halogen-free and LSOH control cable for multiple purposes in control and measurement circuits indoors.

Construction and technical data:

CPR-classification according to EN 50575:	B2ca s1a d0 a1
Conductor material:	copper, bare
Conductor construction:	Class 5 = flexible
Insulation:	FRNC-compound
Sheathing material:	halogen-free
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
Max. temperature at conductor, °C:	70 °C
Max. short circuit temperature at conductor, °C:	150 °C
Permitted outer cable temperature, fixed, °C:	-40 - +70 °C
Permitted outer cable temperature, moved, °C:	-25 - +70 °C
Bending radius, fixed installation:	4 x Ø
Bending radius, moving application:	12.5 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.

HSLH-JZ B2ca

Nominal voltage U_o:	300 V
Nominal voltage U:	500 V
Test voltage:	4 kV
Protective conductor:	yes
Core identification:	green-yellow + numbers

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
038528	25X0.5	39	12.1	120	283
038530	3X0.75	26	5.3	21.6	56
038531	4X0.75	26	6	28.8	69
038532	5X0.75	26	6.6	36	83
038533	7X0.75	26	7.1	50.4	114
038534	12X0.75	26	9.6	86.4	183
038535	18X0.75	26	11.4	129.6	266
038536	25X0.75	26	13.4	180	374
038538	03X1	19.5	6	28.8	74
038539	04X1	19.5	6.5	38.4	90
038540	05X1	19.5	7.1	48	109
038541	07X1	19.5	7.9	67.2	151
038542	12X1	19.5	10.6	115.2	243
038543	18X1	19.5	12.6	172.8	361
038544	25X1	19.5	14.7	240	496
038546	03X1.5	13.3	6.5	43.2	94
038547	04X1.5	13.3	7	57.6	112
038548	05X1.5	13.3	7.9	72	141
038549	07X1.5	13.3	8.6	100.8	191
038550	12X1.5	13.3	12.1	172.8	311
038551	18X1.5	13.3	13.9	259.2	450
038552	25X1.5	13.3	16.2	360	630
038554	03X2.5	7.98	8	72	151
038555	04X2.5	7.98	9	96	181
038556	05X2.5	7.98	9.9	120	224
038557	07X2.5	7.98	10.9	168	316
038558	12X2.5	7.98	14.7	288	499
038559	04X4	4.95	10.5	153.6	299
038560	05X4	4.95	11.8	192	369
038561	07X4	4.95	12.8	269	463
038562	03X6	3.3	11.3	173	360
038563	04X6	3.3	12.6	230	429
038564	05X6	3.3	14.1	288	529
038565	04X10	1.91	16.8	384	708
038566	05X10	1.91	18.7	480	862

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part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
038522	02X0.5	39	5	9.6	43
038529	02X0.75	26	5.1	14.4	47

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
038537	02X1	19.5	5.4	19.2	63
038545	02X1.5	13.3	6.1	28.8	70
038553	02X2.5	7.98	7.6	48	118

RI	Conductor resistance
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000