



 Ready for the EU Construction Products Regulation (CPR)

HELUCONTROL® JZ-520-HMH LS0H GREY

HELUCONTROL® JZ-520-HMH-C LS0H GREY

B2CA APPROVED

HELUCONTROL

POWER FEATURES:

- flexible control cable
- CPR certification: B2ca
- suitable for public buildings
- for AC & DC installations
- halogen-free
- flame retardant

TECHNICAL DATA

Halogen-free flexible control cable in ref. to
DIN VDE 0285-525-3-11 / DIN EN 50525-3-11 and
DIN VDE 0285-525-2-51 / DIN EN 50525-2-51

Temperature range:	flexing -15°C to +70°C fixed -40°C to +70°C
Nominal voltage:	U ₀ /U 300/500 V
Test voltage:	2000 V
Minimum bending radius:	flexing 12.5x cable Ø fixed 4x cable Ø

Flame retardant acc. to
DIN VDE 0482-332-1-2 / DIN EN 60332-1-2 / IEC 60332-1-2

Flame test on bunched wires acc. to
DIN VDE 0482-322-3-22 / DIN EN 60332-3-22 / IEC 60332-3-22

Halogen-free acc. to
DIN VDE 0482-754-1 / DIN EN 60754-1 / IEC 60754-1

CABLE STRUCTURE

- bare copper conductor acc. to DIN VDE 0295 cl.5, fine wire, IEC 60228 cl.5
- core insulation: halogen-free polymer compound type T17 acc. to DIN VDE 0207-363-7 / DIN EN 50363-7
- core identification: black cores with continuous white numbering
- GN-YE conductor, 3 cores and above the outer layer
- cores stranded in layers with optional lay-length
- outer sheath: halogen-free polymer compound type M 1 acc. to DIN VDE 0207-363-0 / DIN EN 50363-0
- outer sheath colour: grey (RAL 7001)
- with meter marking

NOTE

- CPR: Cca for 2x0.5, 3G0.5, 2x0.75, 3G0.75
B2ca s1a d0 a1 for all other cross sections
- G = with green-yellow conductor
X = without green-yellow conductor (OZ)

APPLICATION

Used as measuring, monitoring and control cable in: machine tooling, conveyor belt systems, production lines, plant installations, air-conditioning systems, foundries and steel mills. For use in fixed and flexible applications with little to medium mechanical stress, occasional free movement and no tensile load stress. The cable is suitable for use in dry, damp and wet locations and on plaster.

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Part no.	No. cores x cross-sec. mm ²	Outer Ø app. mm	Copper weight kg / km	Weight app. kg / km
11008617	2 x 0,5	4,8	9,6	43
11008618	3 G 0,5	5,1	14,4	50
11008619	3 x 0,5	5,1	14,4	50
11008620	4 G 0,5	5,5	19,2	55
11008621	4 x 0,5	5,5	19,2	55
11008622	5 G 0,5	6,2	24,0	66
11008623	5 x 0,5	6,2	24,0	66
11008624	7 G 0,5	6,7	33,6	81
11008627	12 G 0,5	8,7	57,6	126
11008629	18 G 0,5	10,7	86,4	194
11008631	25 G 0,5	14,3	180,0	345
11008640	2 x 0,75	5,3	14,4	47
11008641	3 G 0,75	5,6	21,6	56
11008642	3 x 0,75	5,6	21,6	56
11008643	4 G 0,75	6,3	28,8	72
11008644	4 x 0,75	6,3	28,8	72
11008645	5 G 0,75	6,9	36,0	86
11008646	5 x 0,75	6,9	36,0	86
11008647	7 G 0,75	7,5	50,4	107
11008648	7 x 0,75	7,5	50,4	107
11008695	18 G 1,5	14,6	259,2	421
11008697	25 G 1,5	17,4	360,0	563
11008703	2 x 2,5	7,8	48,0	114
11008704	3 G 2,5	8,3	72,0	139
11008705	4 G 2,5	9,2	96,0	175
11008706	5 G 2,5	10,1	120,0	212
11008707	7 G 2,5	11,2	168,0	273
11008710	12 G 2,5	14,8	288,0	458
11008716	2 x 4	9,3	76,8	167
11008717	3 G 4	9,8	115,2	204
11008718	4 G 4	10,9	153,6	258
11008719	5 G 4	12,1	192,0	317

Part no.	No. cores x cross-sec. mm ²	Outer Ø app. mm	Copper weight kg / km	Weight app. kg / km
11008651	12 G 0,75	9,8	86,4	173
11008653	18 G 0,75	12,2	129,6	266
11008655	25 G 0,75	14,3	180,0	345
11008664	2 x 1	5,6	19,2	55
11008665	3 G 1	5,9	28,8	66
11008666	3 x 1	5,9	28,8	66
11008667	4 G 1	6,6	38,4	83
11008668	4 x 1	6,6	38,4	83
11008669	5 G 1	7,3	48,0	101
11008670	7 G 1	8,1	67,2	130
11008673	12 G 1	10,4	115,0	207
11008675	18 G 1	12,9	172,8	314
11008677	25 G 1	15,4	240,0	423
11008685	2 x 1,5	6,4	28,8	74
11008686	3 G 1,5	6,8	43,2	90
11008687	3 x 1,5	6,8	43,2	90
11008688	4 G 1,5	7,4	57,6	110
11008689	5 G 1,5	8,3	72,0	136
11008690	7 G 1,5	9,2	100,8	175
11008693	12 G 1,5	11,8	172,8	276
11008720	7 G 4	13,2	268,8	403
11008726	2 x 6	11,0	115,2	240
11008727	3 G 6	11,9	172,8	304
11008728	4 G 6	13,0	230,4	377
11008729	5 G 6	14,5	288,0	468
11008730	7 G 6	16,2	403,2	611
11008731	2 x 10	13,8	192,0	385
11008732	3 G 10	14,9	288,0	488
11008733	4 G 10	16,5	384,0	615
11008734	5 G 10	18,3	480,0	759
11008735	7 G 10	20,2	672,0	978

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EMV-preferred type, separating polyester tape, tinned copper braid screen with approx. 85% coverage



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Part no.	No. cores x cross-sec. mm ²	Outer Ø app. mm	Copper weight kg / km	Weight app. kg / km
11008758	2 x 0,5	5,7	35,0	50
11008759	3 G 0,5	5,9	42,0	60
11008760	3 x 0,5	5,9	42,0	60
11008761	4 G 0,5	6,4	47,0	70
11008762	4 x 0,5	6,4	47,0	70
11008763	5 G 0,5	6,9	56,0	80
11008764	7 G 0,5	7,6	69,0	100
11008765	12 G 0,5	9,7	108,0	160
11008766	18 G 0,5	11,5	145,0	225
11008767	25 G 0,5	13,7	240,0	320
11008768	2 x 0,75	6,1	40,0	60
11008769	3 G 0,75	6,3	52,0	70
11008770	3 x 0,75	6,3	52,0	70
11008771	4 G 0,75	6,8	60,0	80
11008772	4 x 0,75	6,8	60,0	80
11008773	5 G 0,75	7,4	71,0	100
11008774	5 x 0,75	7,4	71,0	100
11008775	7 G 0,75	8,2	91,0	130
11008776	7 x 0,75	8,2	91,0	130
11008777	12 G 0,75	10,5	142,0	210
11008778	18 G 0,75	12,7	212,0	295
11008779	25 G 0,75	15,0	281,0	420
11008780	2 x 1	6,4	50,0	70
11008781	3 G 1	6,7	60,0	80
11008782	3 x 1	6,7	60,0	80
11008783	4 G 1	7,2	71,0	100
11008784	4 x 1	7,2	71,0	100
11008785	5 G 1	8,0	88,0	135
11008786	7 G 1	8,7	111,0	160
11008787	12 G 1	11,4	184,0	260
11008788	18 G 1	13,6	260,0	380

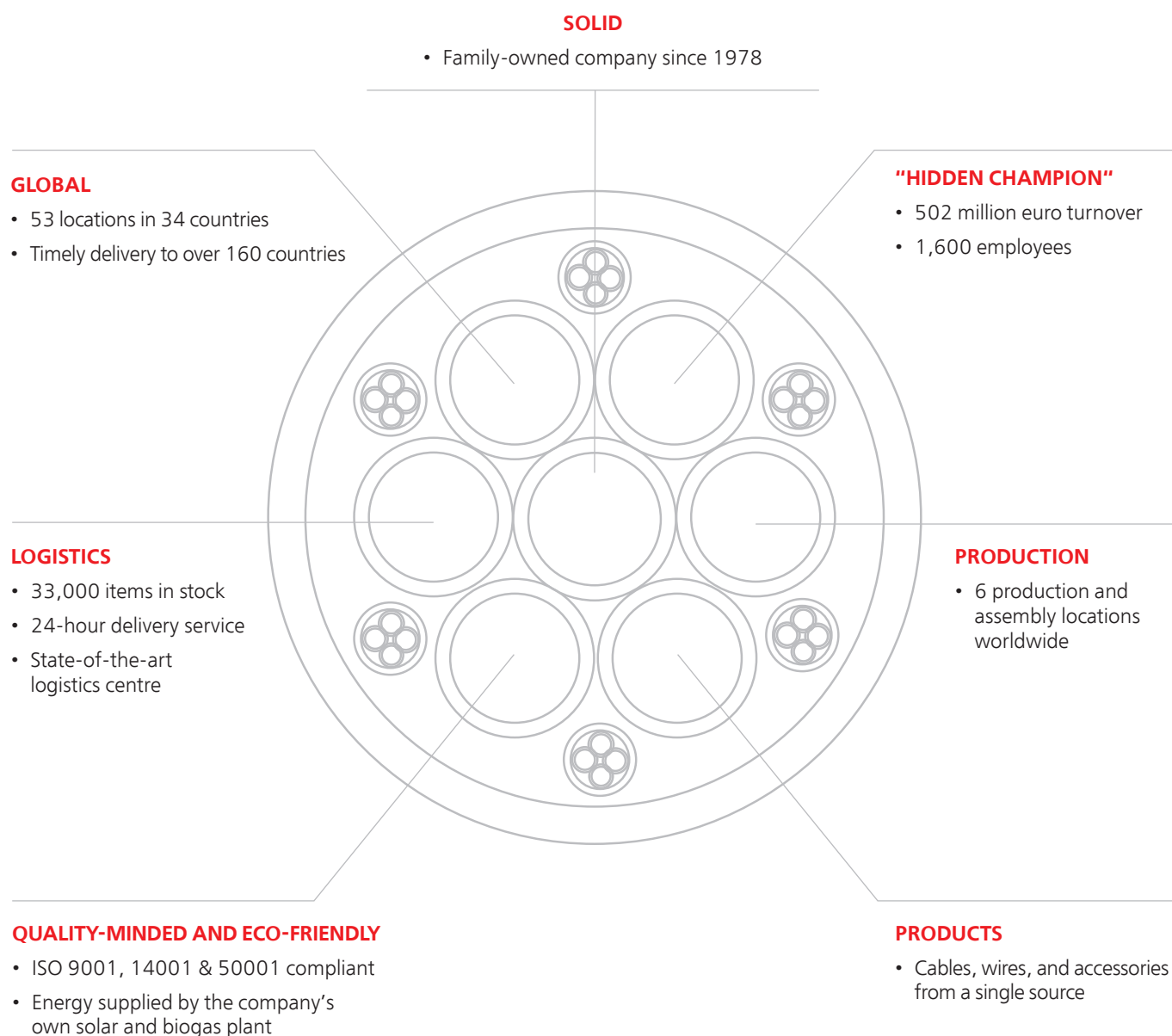
Part no.	No. cores x cross-sec. mm ²	Outer Ø app. mm	Copper weight kg / km	Weight app. kg / km
11008789	25 G 1	16,2	349,0	535
11008790	2 x 1,5	7,0	63,0	90
11008791	3 G 1,5	7,4	80,0	100
11008792	3 x 1,5	7,4	80,0	100
11008793	4 G 1,5	8,1	97,0	125
11008794	5 G 1,5	9,0	119,0	160
11008795	7 G 1,5	9,8	147,0	210
11008796	12 G 1,5	12,8	267,0	340
11008797	18 G 1,5	15,6	374,0	480
11008798	25 G 1,5	18,4	526,0	700
11008799	2 x 2,5	8,4	96,0	135
11008800	3 G 2,5	8,8	144,0	170
11008801	4 G 2,5	9,8	148,0	195
11008802	5 G 2,5	10,8	181,0	230
11008803	7 G 2,5	11,9	255,0	340
11008804	12 G 2,5	15,8	441,0	570
11008805	2 x 4	10,0	120,0	180
11008806	3 G 4	10,6	174,0	240
11008807	4 G 4	11,7	230,0	310
11008808	5 G 4	12,8	273,0	385
11008809	7 G 4	14,2	316,0	510
11008810	2 G 6	11,7	173,0	270
11008811	3 G 6	12,5	240,0	330
11008812	4 G 6	13,8	305,0	420
11008813	5 G 6	15,4	439,0	510
11008814	7 G 6	17,0	505,0	670
11008815	2 x 10	14,4	255,0	420
11008816	3 G 10	15,6	350,0	500
11008817	4 G 10	17,2	535,0	780
11008818	5 G 10	19,1	592,0	860
11008819	7 G 10	21,2	810,0	1300



NEED SOMETHING ELSE?

Further halogen-free alternatives with CPR certification can be found at www.helukabel.com/CPR-Products.

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