

HSLH HP -JZ/OZ 300/500V

[D][BE] LSZH CPR Cca-s1b, d2, a1

FLEXIBLE, NUMBER CODED, CABLES FOR MEASURING AND CONTROL INSTALLATION. LSZH
(Accordingly to the standards BT 2014/35/UE- 2011/65/EU (RoHS 2))

Standards

VDE 0472 / IEC 60228 CL.5 VDE 0290; 0290; 0281; 0245; 0293. EN 50267 /
IEC 60754-2 / DIN VDE 0472-813 EN 50268 / IEC61034 / DIN VDE 0472-816
EN 50575:2014 + EN 50575/A1:2016



Class 5 flexible copper conductor.
LSZH insulation
LSZH sheath.

300 V *Nominal voltage U0*
500 V *Nominal voltage U*
4000 V *Test voltage*
+70°C *Maximum operating temperature*
-40°C *Min. operating temperature (without mechanical shocks)*
-5°C *Minimum installation and use temperature*

Common features

LSZH Multiconductor oil resistant cables suitable for connection to fixed or mobile devices, for signalling and control system. Suitable for indoor environment (dry or wet), and for outdoor environment (only for a temporary and protected use). The selected raw materials and small outer dimensions, guarantee a good flexibility, and reduced weight, as well as a safe, economic and fast installation. A system operating voltage can always overflow the 10% of its standard voltage. Supply of electricity and communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.

Employment

Minimum bending radius per D cable diameter (in mm):
15 x external diam. (mobile installation)
6 x external diam. (fixed installation)
Maximum pulling stress:
50 N/mm² (during installation)
15 N/mm² (static stress)

Packing

Drums to agree

Core colours

Multicores: black core with white numbering(OZ) + GreenYellow core (JZ).

Sheath colour

Grey RAL 7001

Ink marking

GENERAL CAVI Cca-s1b,d2,a1 HSLH HP-JZ /OZ 300/500V [n° cond] x [sec.]
batch number Batch Data

Note

TEMPERATURE RANGE flexing: -5 +70°C
TEMPERATURE fixed installation without mechanical shocks: -40 +80°C
Made with compound suitable for IEC / EN 60332-3-24
Colour coded cores on request (OB/ JB)HD 308



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Dimensional table

	Cond.xSec (N°xmmq)	Outer diameter (mm)	Weight (kg/km)		Cond.xSec (N°xmmq)	Outer diameter (mm)	Weight (kg/km)
Multicores							
35730204	2x0.50	5.1	32	35730207	2x1.5	6.3	58
35730304	3x0.50	5.4	39	35730307	3x1.5	6.7	72
35730404	4x0.50	5.8	47	35730407	4x1.5	7.5	93
35730504	5x0.50	6.3	55	35730507	5x1.5	8.1	111
35730604	6x0.50	6.7	64	35730607	6x1.5	8.7	129
35730704	7x0.50	6.7	71	35730707	7x1.5	8.7	144
35730804	8x0.50	7.7	83	35730807	8x1.5	9.9	169
35731004	10x0.50	8.6	101	35731007	10x1.5	11.2	205
35731204	12x0.50	8.9	115	35731207	12x1.5	11.8	243
35731404	14x0.50	9.3	131	35731407	14x1.5	12.3	278
35731604	16x0.50	10.5	151	35731607	16x1.5	13.0	312
35731804	18x0.50	10.5	166	35731807	18x1.5	13.7	346
35732104	21x0.50	11.9	197	35732107	21x1.5	15.3	400
35732504	25x0.50	12.7	228	35732507	25x1.5	16.4	467
35732704	27x0.50	12.7	242	35702708	2x2.5	7.4	85
35733004	30x0.50	13.1	264	35730308	3x2.5	7.8	108
35733404	34x0.50	14.1	296	35730408	4x2.5	8.6	135
-	-	-	-	35730508	5x2.5	9.3	162
-	-	-	-	35730608	6x2.5	10.3	195
35730205	2x0.75	5.5	40	35730708	7x2.5	10.3	219
35730305	3x0.75	5.8	48	35730808	8x2.5	11.5	250
35730405	4x0.75	6.3	59	35731008	10x2.5	13.2	310
35730505	5x0.75	6.8	70	35731208	12x2.5	13.6	361
35730605	6x0.75	7.5	85	35731408	14x2.5	14.3	414
35730705	7x0.75	7.5	94	35731608	16x2.5	15.1	467
35730805	8x0.75	8.5	106	35731808	18x2.5	16.0	519
35731005	10x0.75	9.6	133	35732108	21x2.5	18.1	602
35731205	12x0.75	9.9	153	35732508	25x2.5	19.3	705
35731405	14x0.75	10.4	174	35730209	2x4	8.9	127
35731605	16x0.75	10.9	195	35730309	3x4	9.7	167
35731805	18x0.75	11.7	221	35730409	4x4	10.6	209
35732105	21x0.75	12.6	256	35730509	5x4	11.6	252
35732505	25x0.75	13.9	297	35730210	2x6	10.3	179
35732705	27x0.75	13.9	315	35730310	3x6	11.0	232
35733005	30x0.75	14.4	345	35730410	4x6	12.1	298
35733405	34x0.75	15.5	388	35730510	5x6	13.4	360
-	-	-	-	35730211	2x10	13.7	314
-	-	-	-	35730311	3x10	14.6	407
35730206	2x1	5.6	47	35730411	4x10	16.1	514
35730306	3x1	5.9	58	35730511	5x10	17.7	623
35730406	4x1	6.5	71	35730212	2x16	16.3	416
35730506	5x1	7.3	88	35730312	3x16	17.2	605
35730606	6x1	7.9	102	35730412	4x16	19.0	769
35730706	7x1	7.9	113	35730512	5x16	20.9	950
35730806	8x1	8.8	128	35730213	2x25	19.1	673
35731006	10x1	10.2	160	35730313	3x25	20.4	910
35731206	12x1	10.5	185	35730413	4x25	22.8	1165
35731406	14x1	11.1	211	35730513	5x25	25.2	1417
35731606	16x1	11.9	242	35730214	2x35	21.1	916
35731806	18x1	12.5	268	35730314	3x35	22.8	1217
35732106	21x1	14	310	35730414	4x35	25.2	1549
35732506	25x1	14.9	361	35730514	5x35	27.9	1889
35732706	27x1	14.9	384	35730215	2x50	24.7	1270
35733006	30x1	15.5	421	35730315	3x50	26.5	1675
35733406	34x1	16.7	473	35730415	4x50	29.6	2151
35733706	37x1	16.7	507	35730515	5x50	33.3	2671



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