

JZ-500 HMH flexible control cable, halogen-free, extremely fire resistant, oil resistant, meter marking



기술사항

- DIN VDE 0281 part 14 및 DIN VDE 0281 part 13 규격의 할로겐 불포함 제어 케이블
- 온도범위
이송시 -15°C ~ +70°C
고정 설치시 -40°C ~ +70°C
- 정격전압 U₀/U 300/500V
- 시험전압 2000V
- 최소 곡률 반경
이송시 12.5 x cable ø
고정설치시 4 x cable ø
- 내방사선 성능
up to 100x10⁶ Cj/kg (up to 100Mrad) 시험

케이블 구조

- 미세동선, DIN VDE 0295 cl.5 및 IEC 60228, cl.5
- 할로겐 불포함 화합물 HI2의 코아절연, DIN VDE 0281 part 14
- 흑색 코아외피에 흰색 연속 번호 DIN VDE 0293
- 황-녹색 접지선
- 코아 최적 피치로 적층 연선
- 할로겐 불포함 쉬스 화합물 TM7, DIN VDE 0281 part 14,
- 외피 색상 회색
- LSOH = Low Smoke Zero Halogen-free

특징

- 화염검사 DIN VDE 0482 part 266-2-4/BS 4066 part 3/ EN 50266-2/ IEC 60332-3-24 및 DIN VDE 0472 part 804 시험방법 C
- 자체소화성 및 난연성
DIN VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1(Conforms to DIN VDE 0472 Part 804 Test method B)
- 연소가스 부식성검사, DIN VDE 0482 part 237/DIN EN 50267-2-2/IEC 60754-2, (DIN VDE 0472 part 813)
- 할로겐 불포함 검사, DIN VDE 0482 part 267/ EN 50267-2-1/ IEC 60754-1 및 DIN VDE 0472 part 815
- 연기농도시험, DIN VDE 0482 part 1034-1+2/IEC 61034-1+2/DIN EN 61034-1+2/BS 7622 part 1+2(VDE 0472 part 816)

용도

- 할로겐 불포함 난연 케이블은 기계가공, 컨베이어벨트, 생산라인 및 공장 설비, 공조 설비 및 제강공정에서 계측 및 제어용케이블로 사용한다.
- 비 고정 또는 고정설치용, 외부의 힘을 받아 움직이는 경우가 아니고 중간급 정도의 변형력이 있어도 인장력이 가해지지 않는 움직임이 있는 설치용으로 사용함.
- 건습환경과 선회 상부, 내부, 하부 및 콘크리트 벽체, 벽돌에도 사용할 수 있으나 콘크리트 내부에 묻거나 압축콘크리트에는 적합하지 않음.
- CE = The product is conformed with the EC Low-Voltage Directive 2006/95/EG

Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
11201	2 x 0,5	4,8	9,6	43,0	20
11202	3 G 0,5	5,1	14,4	50,0	20
11332	3 x 0,5	5,1	14,4	50,0	20
11203	4 G 0,5	5,7	19,0	60,0	20
11333	4 x 0,5	5,7	19,0	60,0	20
11204	5 G 0,5	6,2	24,0	71,0	20
11334	5 x 0,5	6,2	24,0	71,0	20
11205	7 G 0,5	7,4	33,6	84,0	20
11206	8 G 0,5	8,0	38,0	101,0	20
11207	10 G 0,5	8,8	48,0	121,0	20
11208	12 G 0,5	9,1	58,0	142,0	20
11209	16 G 0,5	10,0	76,0	183,0	20

Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
11210	18 G 0,5	10,7	86,0	204,0	20
11211	20 G 0,5	11,2	96,0	227,0	20
11212	25 G 0,5	12,7	120,0	283,0	20
11213	30 G 0,5	13,5	144,0	324,0	20
11214	34 G 0,5	14,5	163,0	367,0	20
11215	37 G 0,5	15,0	178,0	381,0	20
11216	41 G 0,5	15,8	197,0	417,0	20
11217	42 G 0,5	15,8	202,0	454,0	20
11218	50 G 0,5	17,3	240,0	519,0	20
11219	61 G 0,5	19,4	293,0	635,0	20
11220	65 G 0,5	19,4	312,0	694,0	20

Dimensions and specifications may be changed without prior notice.

Continuation ▶

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Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
11221	2 x 0,75	5,2	14,4	47,0	18
11222	3 G 0,75	5,5	21,6	56,0	18
11335	3 x 0,75	5,5	21,6	56,0	18
11223	4 G 0,75	6,2	29,0	69,0	18
11356	4 x 0,75	6,2	29,0	69,0	18
11224	5 G 0,75	6,8	36,0	83,0	18
11337	5 x 0,75	6,8	36,0	83,0	18
11225	7 G 0,75	8,1	50,0	114,0	18
11338	7 x 0,75	8,1	50,0	114,0	18
11226	8 G 0,75	8,9	58,0	136,0	18
11227	10 G 0,75	9,6	72,0	172,0	18
11228	12 G 0,75	9,9	86,0	183,0	18
11229	16 G 0,75	11,5	115,0	241,0	18
11230	18 G 0,75	11,9	130,0	266,0	18
11231	20 G 0,75	12,6	144,0	291,0	18
11232	25 G 0,75	14,1	180,0	374,0	18
11233	30 G 0,75	15,4	216,0	450,0	18
11234	34 G 0,75	16,4	245,0	517,0	18
11235	37 G 0,75	17,2	260,0	541,0	18
11236	41 G 0,75	17,6	296,0	611,0	18
11237	42 G 0,75	17,6	302,0	621,0	18
11238	50 G 0,75	19,8	360,0	742,0	18
11239	61 G 0,75	20,9	439,0	853,0	18
11240	65 G 0,75	21,5	468,0	909,0	18

11241	2 x 1	5,5	19,2	63,0	17
11242	3 G 1	6,0	29,0	74,0	17
11339	3 x 1	6,0	29,0	74,0	17
11243	4 G 1	6,6	38,4	90,0	17
11340	4 x 1	6,6	38,4	90,0	17
11244	5 G 1	7,2	48,0	109,0	17
11245	7 G 1	8,6	67,0	151,0	17
11246	8 G 1	9,4	77,0	184,0	17
11247	10 G 1	10,4	96,0	224,0	17
11248	12 G 1	10,7	115,0	243,0	17
11249	16 G 1	12,0	154,0	314,0	17
11250	18 G 1	12,7	173,0	361,0	17
11251	20 G 1	13,5	192,0	387,0	17
11252	25 G 1	15,2	240,0	496,0	17
11253	34 G 1	17,4	326,0	670,0	17
11254	37 G 1	18,4	355,0	713,0	17
11255	41 G 1	18,9	394,0	784,0	17
11256	42 G 1	18,9	403,0	824,0	17
11257	50 G 1	21,0	480,0	952,0	17
11258	61 G 1	22,2	586,0	1140,0	17
11259	65 G 1	22,8	628,0	1201,0	17

11260	2 x 1,5	6,3	29,0	70,0	16
11261	3 G 1,5	6,7	43,0	94,0	16
11341	3 x 1,5	6,7	43,0	94,0	16
11262	4 G 1,5	7,3	58,0	112,0	16
11263	5 G 1,5	8,2	72,0	141,0	16
11264	7 G 1,5	9,8	101,0	191,0	16
11265	8 G 1,5	10,6	115,0	224,0	16
11266	10 G 1,5	11,7	144,0	282,0	16
11267	12 G 1,5	12,1	173,0	311,0	16
11268	16 G 1,5	13,6	230,0	392,0	16
11269	18 G 1,5	14,5	259,0	450,0	16
11270	20 G 1,5	15,2	288,0	497,0	16
11271	25 G 1,5	17,8	360,0	630,0	16
11272	34 G 1,5	19,8	490,0	842,0	16
11273	37 G 1,5	20,2	533,0	897,0	16
11274	50 G 1,5	23,7	720,0	1277,0	16
11275	61 G 1,5	25,3	878,0	1460,0	16
11276	65 G 1,5	26,0	936,0	1612,0	16

Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
11277	2 x 2,5	7,6	48,0	118,0	14
11278	3 G 2,5	8,3	72,0	151,0	14
11279	4 G 2,5	9,1	96,0	181,0	14
11280	5 G 2,5	10,2	120,0	224,0	14
11281	7 G 2,5	12,1	168,0	316,0	14
11282	8 G 2,5	13,2	192,0	370,0	14
11283	10 G 2,5	14,7	240,0	451,0	14
11284	12 G 2,5	15,2	288,0	499,0	14
11285	16 G 2,5	17,5	384,0	720,0	14
11286	18 G 2,5	18,1	432,0	769,0	14
11287	20 G 2,5	18,7	480,0	911,0	14
11288	25 G 2,5	22,2	600,0	1047,0	14
11289	30 G 2,5	23,7	720,0	1280,0	14

11290	2 x 4	9,2	77,0	199,0	12
11291	3 G 4	9,9	115,0	247,0	12
11292	4 G 4	11,0	154,0	299,0	12
11293	5 G 4	12,1	192,0	369,0	12
11294	7 G 4	13,3	269,0	463,0	12
11295	8 G 4	15,9	307,0	601,0	12
11296	10 G 4	17,3	384,0	698,0	12
11297	12 G 4	18,3	461,0	790,0	12
11298	16 G 4	20,2	614,0	1130,0	12
11299	18 G 4	21,8	691,0	1280,0	12

11300	2 x 6	10,8	115,0	266,0	10
11301	3 G 6	11,7	173,0	360,0	10
11302	4 G 6	13,0	230,0	429,0	10
11303	5 G 6	14,5	288,0	529,0	10
11304	7 G 6	16,0	403,0	631,0	10

11305	2 x 10	14,0	192,0	440,0	8
11306	3 G 10	15,0	288,0	550,0	8
11307	4 G 10	16,8	384,0	708,0	8
11308	5 G 10	18,7	480,0	862,0	8
11309	7 G 10	20,6	672,0	1124,0	8

11310	2 x 16	16,5	307,0	642,0	6
11311	3 G 16	17,6	461,0	830,0	6
11312	4 G 16	19,7	614,0	1060,0	6
11313	5 G 16	21,9	768,0	1270,0	6
11314	7 G 16	24,4	1075,0	1794,0	6

11315	3 G 25	22,5	720,0	1190,0	4
11316	4 G 25	25,2	960,0	1594,0	4
11317	5 G 25	27,9	1200,0	2014,0	4

11318	3 G 35	25,2	1008,0	1590,0	2
11319	4 G 35	28,0	1344,0	2200,0	2
11320	5 G 35	31,0	1680,0	2693,0	2

11321	3 G 50	29,5	1440,0	2571,0	1
11322	4 G 50	33,4	1920,0	3087,0	1
11323	5 G 50	37,2	2400,0	3980,0	1

11324	3 G 70	37,0	2016,0	3207,0	2/0
11325	4 G 70	41,2	2688,0	4077,0	2/0
11326	5 G 70	46,0	3360,0	5501,0	2/0

11327	3 G 95	41,0	2736,0	4708,0	3/0
11328	4 G 95	46,0	3648,0	5590,0	3/0
11329	5 G 95	50,5	4560,0	6972,0	3/0

11330	3 G 120	45,7	3456,0	5515,0	4/0
11331	4 G 120	50,3	4608,0	7100,0	4/0

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Quality assurance inspections with the aid of a stereo microscope at our Windsbach factory.