



HELUKABEL VDE Reg.-Nr. 7032 JB-500 5G1,5 QMM / 11082 300/500 V 001041518 CE



기술사항

- 제어용 케이블, 특수 PVC
DIN VDE 0245, 0281, 0293, 0295규격
- 온도범위
이송시 $-15^{\circ}\text{C} \sim 80^{\circ}\text{C}$
고정 설치시 $-40^{\circ}\text{C} \sim 80^{\circ}\text{C}$
- 정격전압 U_0/U 300/500V
- 시험전압 4000V
- 절연파괴전압 최소 8000V
- 절연저항
최소 20 MOhm x km
- 최소 곡률 반경
이송시 $7.5 \times \text{cable } \varnothing$
고정설치시 $4 \times \text{cable } \varnothing$
- 내 방사선 성능
up to 80×10^6 cJ/Kg(up to 80Mrad)
- ¹⁾ cold bending test, impact resistance test at low temperatures, elongation test at low temperatures. Tested according VDE 0473 Teil 811-1-4, EN 60811-1-4

케이블 구조

- 미세동선, DIN VDE 0295 cl.5, BS 6360 cl.5 와 IEC 60228 cl.5 규격
- 심선 JB/CB 색깔 연속 번호에 준한 색별표지. T page 참조
- 특수 PVC Z7225의 절연피복
- 황-녹색 접지선
- 코아 최적 피치로 코아 축적 연선
DIN VDE 0281 part1 규격의 특수 PVC 슈스 TM2, 회색(RAL 7001)

특징

- 넓은 범위의 내유성, 내화학성
Technical Information table 참조
- 자체 소화성 및 난연성 PVC, DIN VDE 0482 part 265-2-1 / EN50265-2-1 / IEC 60332-1(DIN VDE 0472 part 804 검사법 B적용)
- 사용 재질은 카드뮴, 실리콘등이 없는 무독성 소재로 락커의 습윤(濕潤)특성을 저해하는 물질 없음

용도

- 공작기계, 컨베이어 벨트, 생산라인, 공장, 공조, 제강 및 압연 공정 등의 계속제어용 케이블.
- 건조한 실내 및 옥외(고정 설치시)에서 외부의 힘을 받아 움직이는 경우가 아니고 중간급 정도의 변형력이 있어도 인장력이 가해지지 않는 비 고정식 설치용으로 적합함.
- 접지선은 바깥쪽 층에 배치. 내 자외선 JB케이블은 건조한 환경의 전기기기에 적합하나 야외용으로는 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.	Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
11001	2 x 0,5	4,8	9,6	40,0	20	11059	7 G 1	8,6	67,0	141,0	17
11002	3 G 0,5	5,1	14,4	46,0	20	11060	7 x 1	8,6	67,0	141,0	17
11003	3 x 0,5	5,1	14,4	46,0	20	11061	8 G 1	9,4	77,0	175,0	17
11004	4 G 0,5	5,7	19,2	56,0	20	11062	9 G 1	10,1	87,0	200,0	17
11005	4 x 0,5	5,7	19,2	56,0	20	11063	10 G 1	10,4	96,0	207,0	17
11006	5 G 0,5	6,2	24,0	65,0	20	11064	12 G 1	10,7	115,0	230,0	17
11007	5 x 0,5	6,2	24,0	65,0	20	11065	14 G 1	11,3	134,0	271,0	17
11008	6 G 0,5	6,7	29,0	75,0	20	11066	16 G 1	12,0	154,0	300,0	17
11009	7 G 0,5	7,4	34,0	80,0	20	11067	18 G 1	12,7	173,0	343,0	17
11010	7 x 0,5	7,4	34,0	84,0	20	11068	20 G 1	13,5	192,0	375,0	17
11011	8 G 0,5	8,0	38,0	97,0	20	11069	24 G 1	14,7	230,0	468,0	17
11012	10 G 0,5	8,8	48,0	116,0	20	11070	25 G 1	15,6	240,0	485,0	17
11013	12 G 0,5	9,1	58,0	135,0	20						
11014	14 G 0,5	9,5	67,0	150,0	20	11077	2 x 1,5	6,3	29,0	70,0	16
11015	16 G 0,5	10,0	77,0	172,0	20	11078	3 G 1,5	6,7	43,0	90,0	16
11019	30 G 0,5	13,5	144,0	310,0	20	11079	3 x 1,5	6,7	43,0	90,0	16
						11080	4 G 1,5	7,3	58,0	109,0	16
11026	2 x 0,75	5,2	14,4	46,0	18	11081	4 x 1,5	7,3	58,0	109,0	16
11027	3 G 0,75	5,5	21,6	54,0	18	11082	5 G 1,5	8,2	72,0	131,0	16
11028	3 x 0,75	5,5	21,6	54,0	18	11083	5 x 1,5	8,2	72,0	131,0	16
11029	4 G 0,75	6,2	28,8	66,0	18	11084	6 G 1,5	8,9	86,4	157,0	16
11030	4 x 0,75	6,2	28,8	66,0	18	11085	7 G 1,5	9,8	101,0	184,0	16
11031	5 G 0,75	6,8	36,0	80,0	18	11086	7 x 1,5	9,8	101,0	184,0	16
11032	5 x 0,75	6,8	36,0	80,0	18	11087	8 G 1,5	10,6	115,0	216,0	16
11033	6 G 0,75	7,5	43,2	99,0	18	11088	11 G 1,5	12,1	158,0	300,0	16
11034	7 G 0,75	8,1	50,0	110,0	18	11089	12 G 1,5	12,1	173,0	309,0	16
11035	7 x 0,75	8,1	50,0	110,0	18	11090	14 G 1,5	12,9	202,0	345,0	16
11036	8 G 0,75	8,9	58,0	130,0	18	11091	16 G 1,5	13,6	230,0	386,0	16
11037	9 G 0,75	9,5	65,0	153,0	18	11092	18 G 1,5	14,5	259,0	440,0	16
11038	10 G 0,75	9,6	72,0	162,0	18	11093	20 G 1,5	15,2	288,0	490,0	16
11039	12 G 0,75	9,9	86,0	179,0	18	11094	25 G 1,5	17,8	360,0	620,0	16
11040	15 G 0,75	11,2	108,0	218,0	18						
11041	18 G 0,75	11,9	130,0	257,0	18	11104	2 x 2,5	7,6	48,0	112,0	14
11042	21 G 0,75	13,3	151,0	320,0	18	11105	3 G 2,5	8,3	72,0	148,0	14
11043	25 G 0,75	14,5	180,0	365,0	18	11106	3 x 2,5	8,3	72,0	148,0	14
						11107	4 G 2,5	9,1	96,0	178,0	14
11050	2 x 1	5,5	19,2	60,0	17	11108	4 x 2,5	9,1	96,0	178,0	14
11051	3 G 1	6,0	27,0	72,0	17	11109	5 G 2,5	10,2	120,0	221,0	14
11052	3 x 1	6,0	29,0	72,0	17	11110	5 x 2,5	10,2	120,0	221,0	14
11053	4 G 1	6,6	38,4	86,0	17	11111	6 G 2,5	11,7	144,0	293,0	14
11054	4 x 1	6,6	38,4	86,0	17	11112	7 G 2,5	12,1	168,0	306,0	14
11055	5 G 1	7,2	48,0	104,0	17						
11056	5 x 1	7,2	48,0	104,0	17						
11057	6 G 1	8,0	58,0	125,0	17						
11058	6 x 1	8,0	58,0	125,0	17						

Dimensions and specifications may be changed without prior notice.