



기술사항

- 전원 공급용 및 제어용 케이블, DIN VDE 0276 part 603, HD 6031 및 IEC 60502 규격 7코아와 그 이상은 DIN VDE 0276 part 627, HD 627 S1 및 IEC60502
- 절연체 및 열가소성 PVC 화합물 피복
- 온도 범위
이송시 -5°C ~ +50°C
고정설치시 -40°C ~ +70°C
- 정격전압 $U_0/U_{0.6/1kV}$
- 시험 전압 4kV
- 구리 도체 케이블 그림의 최대 허용 인장력 = 50N/mm²
- 최소 곡률 반경
single core : 15 × cableø
multi core : 12 × cableø
- Power rating 표
Technical Information 참조
- Caloric load values
Technical Information 참조

케이블 구조

- 구리 도체, DIN VDE 0295 cl1 또는 cl.2중실형 또는 연선형, IEC 60228 및 HD 383 규격
- PVC 코아 절연체, HD 6031 규격의 DIV4
- 동심원 연선 선심
- DIN VDE 0293-308 또는 HD 186 규격의 색별 표시
- 3+1/2 도체의 색상표시
J-type : grye(1/2), bn, bk, gy
O-type : bu(1/2), bn, bk, gy
- 흑색 PVC 외피, HD 6031규격의 DMV5

특징

- 자체 소화성 및 난연성 PVC, DIN VDE 0482 part 265-2-1/EN 50265-2-1/IEC 60332-1
- DIN VDE 0298 part 1 및 0276 part 603 규격에 주의를 요함.
- 최대 허용 전압
직류 전류 시스템 1.8kV
교류 전류 시스템, 단상 시스템 1.4kV
절연형 이 도체, 단상 시스템 0.7kV
한 도체 접지형, 삼상 시스템 1.2kV
동심원 도체 및 단면적이 240mm² 및 그 이상인 경우 3.6kV

Note

- re = round conductor, singlewire
rm = round conductor, multife-wire
sm = stranded, sectional core

용도

- 에너지 공급을 위한 전원 공급용 케이블은 옥외, 지하, 수중, 실내, 케이블관, 발전소등의 장소에 산업용 및 배전반용 뿐만 아니라 기계적 충격이 없는 외부 가입자 망용으로 사용할 수 있음.
- CE = The product is conformed with the EC Low-Voltage Directive 2006/95/EG

No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	J-type Part No.	AWG-No.	O-type Part No.	AWG-No.
1 x 4 re	9.0	38.0	115.0	32001	12	32089	12
1 x 6 re	9.5	58.0	135.0	32002	10	32090	10
1 x 10 re	10.0	96.0	179.0	32003	8	32091	8
1 x 16 re	11.0	154.0	245.0	32004	6	32092	6
1 x 25 rm	12.0	240.0	360.0	32005	4	32093	4
1 x 35 rm	13.0	336.0	470.0	32006	2	32094	2
1 x 50 rm	15.0	480.0	620.0	32007	1	32095	1
1 x 70 rm	16.5	672.0	810.0	32008	2/0	32096	2/0
1 x 95 rm	19.0	912.0	1110.0	32009	3/0	32097	3/0
1 x 120 rm	20.5	1152.0	1360.0	32010	4/0	32098	4/0
1 x 150 rm	22.5	1440.0	1670.0	32011	300 kcmil	32099	300 kcmil
1 x 185 rm	25.0	1776.0	2050.0	32012	350 kcmil	32100	350 kcmil
1 x 240 rm	28.0	2304.0	2630.0	32013	500 kcmil	32101	500 kcmil
1 x 300 rm	30.0	2880.0	3200.0	32014	600 kcmil	32102	600 kcmil
1 x 400 rm	34.0	3840.0	4150.0	32015	750 kcmil	32103	750 kcmil
1 x 500 rm	38.0	4800.0	5200.0	32556	1000 kcmil	32558	1000 kcmil
1 x 630 rm	43.0	6048.0	6650.0	32557		32559	-

NYY-J / NYY-O power cable, 0,6/1kV, VDE approved



No. cores x cross-sec. mm ²		Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	J-type Part No.	AWG-No.	O-type Part No.	AWG-No.
2 x 1,5	re	11.0	29,0	175,0	32016	16	32104	16
2 x 2,5	re	12.0	48,0	215,0	32017	14	32105	14
2 x 4	re	14.0	77,0	295,0	32018	12	32106	12
2 x 6	re	15.0	115,0	370,0	32019	10	32107	10
2 x 10	re	16.5	192,0	495,0	32020	8	32108	8
2 x 16	re	18.5	307,0	670,0	32021	6	32109	6
2 x 25	rm	23.5	480,0	960,0	32022	4	32110	4
3 x 1,5	re	11.5	43,0	195,0	32023	16	32111	16
3 x 2,5	re	12.5	72,0	250,0	32024	14	32112	14
3 x 4	re	14.0	115,0	340,0	32025	12	32113	12
3 x 6	re	15.0	173,0	430,0	32026	10	32114	10
3 x 10	re	17.0	288,0	590,0	32027	8	32115	8
3 x 16	re	19.0	461,0	820,0	32028	6	32116	6
3 x 25	rm	24.0	720,0	1320,0	32029	4	32117	4
3 x 35	sm	25.0	1008,0	1450,0	32030	2	32118	2
3 x 50	sm	26.5	1440,0	1850,0	32031	1	32119	1
3 x 70	sm	30.0	2016,0	2450,0	32032	2/0	32120	2/0
3 x 95	sm	34.5	2736,0	3300,0	32033	3/0	32121	3/0
3 x 120	sm	37.0	3456,0	4100,0	32034	4/0	32122	4/0
3 x 150	sm	40.0	4320,0	4900,0	32293	300 kcmil	32296	300 kcmil
3 x 185	sm	46.0	5328,0	6500,0	32294	350 kcmil	32297	350 kcmil
3 x 240	sm	51.0	6912,0	8300,0	32295	500 kcmil	32298	500 kcmil
4 x 1,5	re	12.0	58,0	230,0	32044	16	32132	16
4 x 2,5	re	13.5	96,0	300,0	32045	14	32133	14
4 x 4	re	15.0	154,0	410,0	32046	12	32134	12
4 x 6	re	16.5	230,0	520,0	32047	10	32135	10
4 x 10	re	18.5	384,0	730,0	32048	8	32136	8
4 x 16	re	21.5	614,0	1045,0	32049	6	32137	6
4 x 25	rm	26.0	960,0	1640,0	32050	4	32138	4
4 x 35	sm	27.5	1344,0	1760,0	32051	2	32139	2
4 x 50	sm	30.0	1920,0	2350,0	32052	1	32140	1
4 x 70	sm	34.0	2688,0	3100,0	32053	2/0	32141	2/0
4 x 95	sm	39.0	3648,0	4250,0	32054	3/0	32142	3/0
4 x 120	sm	42.5	4608,0	5300,0	32055	4/0	32143	4/0
4 x 150	sm	47.5	5760,0	6400,0	32056	300 kcmil	32144	300 kcmil
4 x 185	sm	52.0	7104,0	8500,0	32057	350 kcmil	32145	350 kcmil
4 x 240	sm	58.0	9216,0	11000,0	32058	500 kcmil	32146	500 kcmil
5 x 1,5	re	13.0	72,0	270,0	32059	16	32147	16
5 x 2,5	re	14.5	120,0	360,0	32060	14	32148	14
5 x 4	re	16.5	192,0	490,0	32061	12	32149	12
5 x 6	re	18.0	288,0	600,0	32062	10	32150	10
5 x 10	re	20.0	480,0	890,0	32063	8	32151	8
5 x 16	re	22.5	768,0	1255,0	32064	6	32152	6
5 x 25	rm	28.0	1200,0	1960,0	32065	4		
5 x 35	rm	34.0	1680,0	2400,0	32300	2		
5 x 50	rm	40.0	2400,0	3500,0	32257	1		
7 x 1,5	re	15.5	101,0	310,0	32066	16	32153	16
7 x 2,5	re	16.5	168,0	450,0	32076	14		
7 x 4	re	18.5	269,0	640,0	32086	12		
7 x 6	re	20.0	403,0	850,0	32087	10	32174	10
7 x 10	re	23.5	672,0	1200,0	32088	8	32175	8
10 x 1,5	re	18.0	144,0	380,0	32067	16	32154	16
10 x 2,5	re	19.5	240,0	520,0	32077	14		
12 x 1,5	re	19.0	173,0	420,0	32068	16	32155	16
12 x 2,5	re	20.5	288,0	600,0	32078	14		
14 x 1,5	re	20.0	202,0	470,0	32069	16	32156	16
14 x 2,5	re	21.0	336,0	680,0	32079	14		
16 x 1,5	re	21.0	230,0	520,0	32070	16	32157	16
16 x 2,5	re	22.0	384,0	750,0	32080	14		
19 x 1,5	re	22.0	274,0	570,0	32071	16	32158	16
19 x 2,5	re	23.0	456,0	850,0	32081	14		
21 x 1,5	re	23.0	302,0	650,0	32072	16	32159	16
21 x 2,5	re	24.5	504,0	980,0	32082	14		
24 x 1,5	re	25.0	346,0	750,0	32073	16	32160	16
24 x 2,5	re	27.0	576,0	1100,0	32083	14		
30 x 1,5	re	26.0	432,0	860,0	32074	16	32161	16
30 x 2,5	re	28.0	720,0	1280,0	32084	14		
40 x 1,5	re	29.0	576,0	1070,0	32075	16	32162	16
40 x 2,5	re	31.5	960,0	1700,0	32085	14		
52 x 2,5	re	35.0	1248,0	2150,0	32169	14		
61 x 1,5	re	34.0	878,0	1680,0	32176	16		
3+1/2-conductors								
No. cores x cross-sec. mm ²		Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	J-type Part No.	AWG-No.	O-type Part No.	AWG-No.
3 x 25 / 16	rm	24.5	874,0	1530,0	32035	4	32123	4
3 x 35 / 16	sm	26.0	1162,0	1750,0	32036	2	32124	2
3 x 50 / 25	sm	29.0	1680,0	2350,0	32037	1	32125	1
3 x 70 / 35	sm	32.0	2352,0	2850,0	32038	2/0	32126	2/0
3 x 95 / 50	sm	38.0	3216,0	3850,0	32039	3/0	32127	3/0
3 x 120 / 70	sm	41.0	4128,0	4780,0	32040	4/0	32128	4/0
3 x 150 / 70	sm	46.0	4992,0	5800,0	32041	300 kcmil	32129	300 kcmil
3 G 185 / 95	sm	51.0	6240,0	7600,0	32130	350 kcmil	32042	350 kcmil
3 x 240 / 120	sm	58.0	8064,0	9800,0	32043	500 kcmil	32131	500 kcmil
3 x 300 / 150	sm	64.0	10080,0	11500,0	32256	600 kcmil		

Dimensions and specifications may be changed without prior notice.