



기술사항

- DIN VDE 0276 part 604, HD 604 S1 part 1, part 5G 규격의 파워 및 제어용 케이블
- 도체 저항 (20°C)**
VDE 0295 cl.1 혹은 2 및 IEC 60228 cl.1과 2 규격, 그리고 HD 383 cl.1 과 2
- 온도범위**
설치 작업중 -5°C ~ +50°C
고정 설치시 -30°C ~ +90°C
- 정격전압** U₀/U 0,6 / 1kV
- 시험전압** 4kV
- 최소 곡률 반경**
single-core 15 x cable ø
multi-core 12 x cable ø
- 내방사선 성능**
up to 100x10⁶ C./kg (up to 100Mrad시험)

케이블 구조

- 나동 도체, Single Core 또는 Multi Core DIN VDE 0295 cl.1 혹은 2 및 IEC 60228 cl.1과 2 규격
- 할로겐 불포함 코아 절연재질, 크로스링크 폴리 에틸렌 화합물 2XII(HD 604 S1 규격)
- DIN VDE 0293-308 및 HD 186규격의 코아 색상 분류 코드
- 적층식 코아 연선(Multi Core의 경우)
- 내부쉬스 전장 충전, 충전제나 테이프를 감아 보호
- HD 604 S1 규격의 열가소성 폴리올레핀 재질의 외피, 할로겐 불포함
- LSOH = Low Smoke Zero Halogen-free

특징

- 화염검사, VDE 0472 part 804, 방법 C, IEC 60332-3 및 HD 405.3
- 연소가스 부식성검사, VDE 0472 part 813, IEC 60754-2
- 연기농도시험, VDE 0472 part 816, IEC 61034-1+2, HD606 및 BS7622 part 1+2
- 할로겐 불포함. 부식성 유독가스 발생 없음
- 제한적 화염전파 방지
- 연기 발생량 적음

Note

- rm = round conductor, multiple-wire
- re = round conductor, single-wire

용도

- 통신용 난연, 무독 정전 실드 케이블. 정전실드로 강한 혼선신호를 차단함. 화재시 인명과 재산을 보호해야 하고 안전이 특히 중요한 의미를 갖는 곳
- 공장, 공공건물, 호텔, 공항, 지하철, 병원, 백화점, 은행, 학교 극장, 고층건물, 공정제어센터 등에 사용함.
- 건습한 환경과 야외용으로 쓸 수 있으나 직매용이나 수중용으로는 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.
53100	1 x 4 re	8,0	39,0	68,0	12
53101	1 x 6 re	9,0	58,0	90,0	10
53102	1 x 10 re	9,0	96,0	140,0	8
53103	1 x 16 re	10,0	154,0	190,0	6
53104	1 x 25 rm	11,0	240,0	290,0	4
53105	1 x 35 rm	12,0	336,0	390,0	2
53106	1 x 50 rm	15,0	480,0	510,0	1
53107	1 x 70 rm	17,0	672,0	710,0	2/0
53108	1 x 95 rm	19,0	912,0	960,0	3/0
53109	1 x 120 rm	21,0	1152,0	1200,0	4/0
53110	1 x 150 rm	23,0	1440,0	1480,0	300 kcmil
53111	1 x 185 rm	25,0	1776,0	1910,0	350 kcmil
53112	1 x 240 rm	28,0	2304,0	2370,0	500 kcmil
53113	1 x 300 rm	30,0	2880,0	2970,0	600 kcmil
53114	2 x 1,5 re	12,0	29,0	185,0	16
53115	2 x 2,5 re	12,2	48,0	220,0	14
53116	2 x 4 re	13,2	77,0	275,0	12
53117	2 x 6 re	14,1	115,0	335,0	10
53118	2 x 10 re	16,2	192,0	450,0	8
53119	2 x 16 re	17,8	307,0	620,0	6
53120	2 x 25 rm	21,0	480,0	930,0	4

Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
53121	3 G 1,5 re	13,0	43,0	220,0	16
53122	3 G 2,5 re	14,0	72,0	280,0	14
53123	3 G 4 re	15,0	115,0	350,0	12
53124	3 G 6 re	16,0	173,0	420,0	10
53125	3 G 10 re	18,0	288,0	600,0	8
53126	3 G 16 re	20,0	461,0	770,0	6
53127	3 G 25 rm	21,8	720,0	1120,0	4
53128	3 G 35 rm	24,9	1008,0	1550,0	2
53129	3 G 50 rm	25,2	1440,0	1750,0	1
53130	3 G 70 rm	29,2	2016,0	2450,0	2/0
53131	3 G 95 rm	32,0	2736,0	3250,0	3/0
53132	3 G 120 rm	34,9	3456,0	4000,0	4/0
53133	3 G 150 rm	39,2	4520,0	5000,0	300 kcmil
53134	3 G 185 rm	44,1	5328,0	6150,0	350 kcmil
53135	3 G 240 rm	49,2	6912,0	8000,0	500 kcmil
53143	4 G 1,5 re	13,0	58,0	235,0	16
53144	4 G 2,5 re	14,0	96,0	290,0	14
53145	4 G 4 re	15,0	154,0	370,0	12
53146	4 G 6 re	16,0	230,0	470,0	10
53147	4 G 10 re	18,0	384,0	670,0	8
53148	4 G 16 re	20,0	614,0	930,0	6
53149	4 G 25 rm	25,0	960,0	1440,0	4

Dimensions and specifications may be changed without prior notice.

Continuation ▶

N2XH power cable, 0,6/1 kV, halogen-free, without functionality



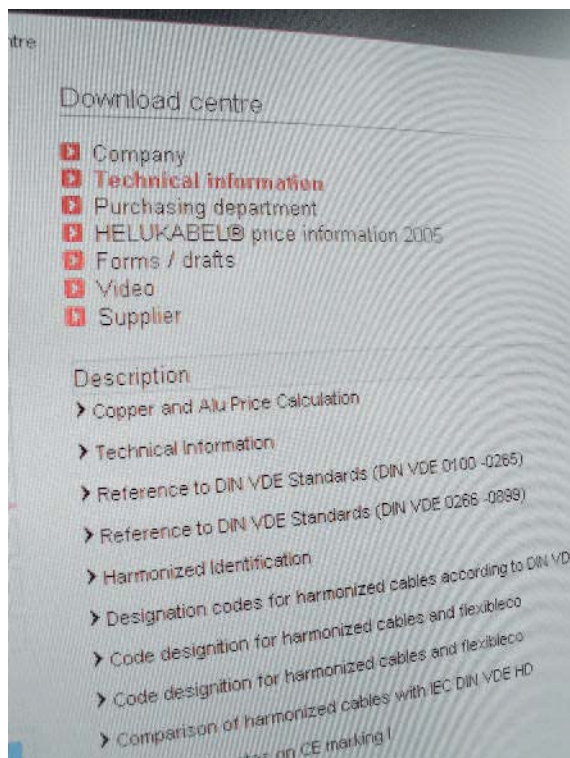
Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
53150	4 G 35 rm	27,0	1344,0	1890,0	2
53151	4 G 50 rm	28,0	1920,0	2300,0	1
53152	4 G 70 rm	32,0	2668,0	3200,0	2/0
53153	4 G 95 rm	36,0	3648,0	4250,0	3/0
53154	4 G 120 rm	40,2	4608,0	5350,0	4/0
53155	4 G 150 rm	45,8	5760,0	6550,0	300 kcmil
53156	4 G 185 rm	49,5	7104,0	8100,0	350 kcmil
53157	4 G 240 rm	56,0	9216,0	10550,0	500 kcmil
53158	5 G 1,5 re	14,5	72,0	280,0	16
53159	5 G 2,5 re	16,0	120,0	350,0	14
53160	5 G 4 re	17,0	192,0	450,0	12
53161	5 G 6 re	18,5	288,0	600,0	10
53162	5 G 10 re	21,0	480,0	850,0	8
53163	5 G 16 re	24,0	768,0	1200,0	6
53164	7 G 1,5 re	15,5	101,0	350,0	16
53171	7 G 2,5 re	17,0	168,0	370,0	14
53178	7 G 4 re	17,2	269,0	530,0	12
53165	10 G 1,5 re	18,5	144,0	480,0	16
53172	10 G 2,5 re	20,0	240,0	500,0	14

Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
53166	12 G 1,5 re	19,0	173,0	520,0	16
53173	12 G 2,5 re	21,0	288,0	560,0	14
53179	12 G 4 re	21,2	461,0	800,0	12
53167	14 G 1,5 re	20,0	202,0	550,0	16
53174	14 G 2,5 re	22,0	356,0	630,0	14
53168	19 G 1,5 re	22,0	274,0	700,0	16
53175	19 G 2,5 re	24,0	456,0	800,0	14
53169	24 G 1,5 re	25,0	346,0	850,0	16
53176	24 G 2,5 re	27,0	576,0	990,0	14
53170	30 G 1,5 re	26,0	432,0	950,0	16
53177	30 G 2,5 re	28,0	720,0	1180,0	14

3+1/2-conductors

Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
53136	3 G 50 / 25 rm	28,5	1680,0	2100,0	1
53137	3 G 70 / 35 rm	31,4	2352,0	2800,0	2/0
53138	3 G 95 / 50 rm	34,9	3216,0	3750,0	3/0
53139	3 G 120 / 70 rm	38,0	4128,0	4750,0	4/0
53140	3 G 150 / 70 rm	43,3	4992,0	5750,0	300 kcmil
53141	3 G 185 / 95 rm	47,2	6240,0	7200,0	350 kcmil
53142	3 G 240 / 120 rm	53,4	8064,0	9300,0	500 kcmil

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