

N2XCH power cable, 0,6/1kV, halogen-free, with concentric conductor, without functionality



기술사항

- DIN VDE 0276 part 604, HD 604 S1 part 1, part 5G 규격의 파워 및 제어용 케이블
- 도체 저항 (20°C)
VDE 0295 d.1 혹은 2 및 IEC 60228 d.1과 2 규격, 그리고 HD 383 d.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 100Mrad) 시험

케이블 구조

- 나동 도체, Single Core 또는 Multi Core DIN VDE 0295 d.1 혹은 2 및 IEC 60228 d.1 혹은 2 규격
- 할로겐 불포함 코아 절연재질, 크로스링크 폴리 에틸렌 화합물 2XII(HD 604 S1 규격)
- DIN VDE 0293 및 HD 186규격의 코아 색상 분류 코드
- 적층식 코아 연선(Multi Core의 경우)
- 내부쉬스 전장 충전, 충전제나 테이프로 감아 보호
- 동심형 나동 도체
- HD 604 S1 규격의 열가소성 폴리올레핀 재질 의 외피, 할로겐 불포함
- 쉬스 색깔 흑색

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
- 제한적 화염전파 방지
- 연기발생량 적음

용도

- 통신용 난연, 무독 정전 절드 케이블. 정전절드로 강한 혼신호를 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.
- 나선형 등의 동심형 도체는 절드기능도 겸하고 있어 뉴트럴 선(N)으로 쓸 수 있으나 외부 도체로는 사용하지 않는다.
- 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.	Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
53200	2 x 1,5 / 1,5 re	14,0	53,0	250,0	16	53221	4 x 1,5 / 1,5 re	15,5	81,0	300,0	16
53201	2 x 2,5 / 2,5 re	15,0	81,0	280,0	14	53222	4 x 2,5 / 2,5 re	16,5	129,0	380,0	14
53202	2 x 4 / 4 re	14,0	122,0	320,0	12	53223	4 x 4 / 4 re	17,5	202,0	480,0	12
53203	2 x 6 / 6 re	15,0	183,0	400,0	10	53224	4 x 6 / 6 re	19,0	297,0	600,0	10
53204	2 x 10 / 10 re	16,0	311,0	560,0	8	53225	4 x 10 / 10 re	21,5	504,0	850,0	8
53205	2 x 16 / 16 re	19,1	490,0	780,0	6	53226	4 x 16 / 16 re	24,5	797,0	1200,0	6
53206	3 x 1,5 / 1,5 re	14,5	67,0	250,0	16	53227	4 x 25 / 16 rm	29,0	1142,0	1800,0	4
53207	3 x 2,5 / 2,5 re	15,5	104,0	320,0	14	53228	4 x 35 / 16 rm	29,5	1528,0	2100,0	2
53208	3 x 4 / 4 re	16,5	161,0	400,0	12	53229	4 x 50 / 25 rm	32,5	2203,0	2800,0	1
53209	3 x 6 / 6 re	18,0	242,0	500,0	10	53230	4 x 70 / 35 rm	38,0	3082,0	3800,0	2/0
53210	3 x 10 / 10 re	20,0	408,0	750,0	8	53231	4 x 95 / 50 rm	43,5	4208,0	5100,0	3/0
53211	3 x 16 / 16 re	22,5	643,0	1000,0	6	53758	4 x 120 / 70 rm	50,5	5382,0	6556,0	4/0
53212	3 x 25 / 16 rm	27,0	1001,0	1600,0	4	53759	4 x 150 / 70 rm	52,1	6540,0	7600,0	300 kcmil
53213	3 x 35 / 16 rm	27,5	1190,0	1900,0	2	53760	4 x 185 / 95 rm	57,2	8159,0	9370,0	350 kcmil
53214	3 x 50 / 25 rm	32,3	2003,0	2400,0	1	53761	4 x 240 / 120 rm	62,6	10546,0	11611,0	500 kcmil
53215	3 x 70 / 35 rm	35,6	2794,0	3060,0	2/0	53232	7 x 1,5 / 2,5 re	14,5	132,0	320,0	16
53216	3 x 95 / 50 rm	39,0	3790,0	4200,0	3/0	53239	7 x 2,5 / 2,5 re	15,1	200,0	400,0	14
53217	3 x 120 / 70 rm	42,0	4785,0	5207,0	4/0	53246	7 x 4 / 4 re	18,1	316,0	580,0	12
53218	3 x 150 / 70 rm	43,5	5100,0	5700,0	300 kcmil	53233	10 x 1,5 / 2,5 re	17,2	177,0	420,0	16
53219	3 x 185 / 95 rm	47,4	6381,0	7150,0	350 kcmil	53240	10 x 2,5 / 4 re	18,9	287,0	550,0	14
53220	3 x 240 / 120 rm	53,5	8240,0	9250,0	500 kcmil						

Dimensions and specifications may be changed without prior notice.

Continuation ▶

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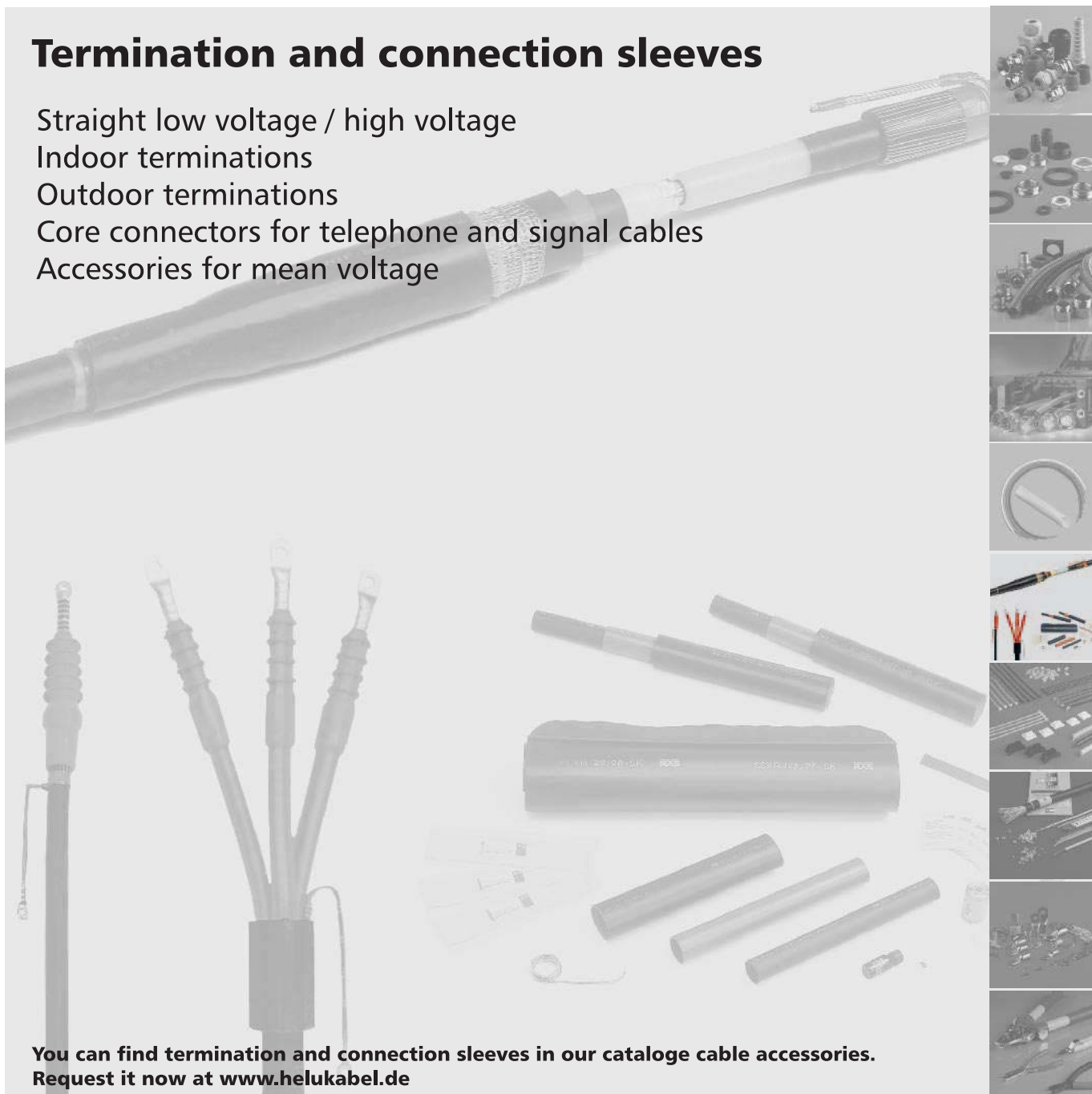
Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
53234	12 x 1,5 / 2,5 re	18,4	204,0	460,0	16
53241	12 x 2,5 / 4 re	19,2	335,0	610,0	14
53247	12 x 4 / 6 re	22,6	528,0	910,0	12
53235	16 x 1,5 / 4 re	20,0	275,0	686,0	16
53242	16 x 2,5 / 6 re	20,9	450,0	805,0	14
53236	21 x 1,5 / 6 re	22,6	370,0	766,0	16
53243	21 x 2,5 / 6 re	25,2	572,0	1015,0	14

Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
53237	24 x 1,5 / 6 re	23,2	412,0	800,0	16
53244	24 x 2,5 / 10 re	26,1	695,0	1100,0	14
53238	30 x 1,5 / 6 re	24,3	500,0	930,0	16
53245	30 x 2,5 / 10 re	28,0	842,0	1290,0	14

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Termination and connection sleeves

- Straight low voltage / high voltage
- Indoor terminations
- Outdoor terminations
- Core connectors for telephone and signal cables
- Accessories for mean voltage



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