

N2XSY 6/10kV, 12/20kV, 18/30kV XLPE-insulated, Cu-conductor, single core, screened, PVC-jacket



기술사항

- XLPE-절연형 전원용 케이블, DIN VDE 0276 part 603, HD 620 SI 및 IEC 60502 규격
- 온도범위
설치 중 -5℃
- 가동시 온도
최대 90℃
- 단락시 온도
250℃(단락지속시간 5초 이하)
- 정격전압
U₀/U 6/10kV, 12/20kV, 18/30kV
- 가동전압
6/10kV시 = 12kV이하
12/20kV = 24kV이하
18/30kV = 36kV이하
- 시험 전압
6/10kV시 = 15kV
12/20kV = 30kV
18/30kV = 45kV
- 최소 곡률 반경
설치 중 15 × cableø
- Power rating 표
Technical Information 참조

케이블 구조

- 원형 나동 연선 도체, HD383규격
- 내부 반전도성 내피
- Cross-linked Polyethylene(XLPE)의 코어 절연체, HD620.1 규격의 PE 화합물 DIX8
- 반전도성 피복과 절연체 결합의 외부 성형
- 전도성 물질의 테이프
- 하나의 구리선 또는 두개의 나선형 테이프 쉴드
- 내부 피복 또는 테이프 랩
- PVC외피, HD620.1규격의 화합물형 DMV6, 적색
- 자체 소화성 및 난연성 PVC, DIN VDE 0482 part 265-2-1/EN 50265-2-1/IEC 60332-1
- 설치시 주의사항
성형 반전도성 층의 최적 작동 신뢰성은 장시간 절연체의 결합을 보장함, 따라서 피복제거 시 적절한 피복 제거 장비를 사용할 것.

용도

- 주로 실내, 케이블관, 옥외, 지하 및 수중의 발전소 설치에 적합할 뿐만 아니라 산업, 배전반 및 발전소의 케이블 트레이의 설치에도 적합함.
- 우수한 층 특성으로 인하여 설치가 어려운 라인 가이드웨이의 설치가 쉬움.
- DIN VDE 0298 part 1 규격 참조.
- 외부의 간섭 영향을 막기 위해, 도체와 XLPE 절연체 사이 및 XLPE 절연체와 동심원 구리도체 사이에 부분적 방전의 저항을 보장하는 접착성 반전도성 층이 성형되어 있음.

Part No.	No. cores x cross-sec. mm ²	Operation voltage max.	Nominal voltage kV	Insulation thickness mm	Jacket thickness mm	Outer ø min - max mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.	
32400	1 x 35	rm / 16	12	6 / 10	3,4	2,5	23,0 - 28,0	518,0	905,0	2
32401	1 x 50	rm / 16	12	6 / 10	3,4	2,5	24,0 - 29,0	662,0	1080,0	1
32402	1 x 70	rm / 16	12	6 / 10	3,4	2,5	26,0 - 31,0	854,0	1310,0	2/0
32403	1 x 95	rm / 16	12	6 / 10	3,4	2,5	27,0 - 32,0	1094,0	1580,0	3/0
32404	1 x 120	rm / 16	12	6 / 10	3,4	2,5	29,0 - 34,0	1340,0	1860,0	4/0
32406	1 x 150	rm / 25	12	6 / 10	3,4	2,5	30,0 - 35,0	1622,0	2210,0	300 kcmil
32405	1 x 150	rm / 16	12	6 / 10	3,4	2,5	30,0 - 35,0	1723,0	2040,0	300 kcmil
32407	1 x 185	rm / 16	12	6 / 10	3,4	2,5	32,0 - 37,0	1958,0	2450,0	350 kcmil
32408	1 x 185	rm / 25	12	6 / 10	3,4	2,5	32,0 - 37,0	2059,0	2580,0	350 kcmil
32409	1 x 240	rm / 16	12	6 / 10	3,4	2,5	34,0 - 39,0	2486,0	3000,0	500 kcmil
32410	1 x 240	rm / 25	12	6 / 10	3,4	2,5	34,0 - 39,0	2587,0	3130,0	500 kcmil
32411	1 x 300	rm / 25	12	6 / 10	3,4	2,5	36,0 - 41,0	3163,0	3780,0	600 kcmil
32412	1 x 400	rm / 35	12	6 / 10	3,4	2,5	40,0 - 45,0	4234,0	4670,0	750 kcmil
32413	1 x 500	rm / 35	12	6 / 10	3,4	2,5	43,0 - 48,0	5194,0	5750,0	1000 kcmil
32414	1 x 35	rm / 16	24	12 / 20	5,5	2,5	27,0 - 32,0	518,0	1110,0	2
32415	1 x 50	rm / 16	24	12 / 20	5,5	2,5	28,0 - 33,0	662,0	1250,0	1
32416	1 x 70	rm / 16	24	12 / 20	5,5	2,5	30,0 - 35,0	854,0	1510,0	2/0
32417	1 x 95	rm / 16	24	12 / 20	5,5	2,5	31,0 - 36,0	1094,0	1780,0	3/0
32418	1 x 120	rm / 16	24	12 / 20	5,5	2,5	33,0 - 38,0	1334,0	2070,0	4/0
32420	1 x 150	rm / 25	24	12 / 20	5,5	2,5	34,0 - 39,0	1723,0	2420,0	300 kcmil
32419	1 x 150	rm / 16	24	12 / 20	5,5	2,5	34,0 - 39,0	1622,0	2310,0	300 kcmil
32422	1 x 185	rm / 25	24	12 / 20	5,5	2,5	36,0 - 41,0	2059,0	2810,0	350 kcmil
32421	1 x 185	rm / 16	24	12 / 20	5,5	2,5	36,0 - 41,0	1958,0	2650,0	350 kcmil
32423	1 x 240	rm / 16	24	12 / 20	5,5	2,5	39,0 - 44,0	2486,0	3260,0	500 kcmil
32424	1 x 240	rm / 25	24	12 / 20	5,5	2,5	39,0 - 44,0	2587,0	3360,0	500 kcmil
32425	1 x 300	rm / 25	24	12 / 20	5,5	2,5	41,0 - 46,0	3163,0	4020,0	600 kcmil
32426	1 x 400	rm / 35	24	12 / 20	5,5	2,5	44,0 - 49,0	4234,0	4930,0	750 kcmil
32427	1 x 500	rm / 35	24	12 / 20	5,5	2,5	47,0 - 52,0	5194,0	6050,0	1000 kcmil

Dimensions and specifications may be changed without prior notice.

Continuation ▶

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Part No.	No. cores x cross-sec. mm ²	Operation voltage max.	Nominal voltage kV	Insulation thickness mm	Jacket thickness mm	Outer ø min - max mm	Cop. weight kg / km	Weight ca. kg / km	AWC-No.	
32428	1 x 50	rm / 16	36	18 / 30	8,0	2,5	33,0 - 38,0	662,0	1480,0	1
32429	1 x 70	rm / 16	36	18 / 30	8,0	2,5	35,0 - 40,0	854,0	1730,0	2/0
32430	1 x 95	rm / 16	36	18 / 30	8,0	2,5	36,0 - 41,0	1094,0	2060,0	3/0
32431	1 x 120	rm / 16	36	18 / 30	8,0	2,5	38,0 - 43,0	1334,0	2330,0	4/0
32432	1 x 150	rm / 25	36	18 / 30	8,0	2,5	39,0 - 44,0	1723,0	2720,0	300 kcmil
32433	1 x 185	rm / 25	36	18 / 30	8,0	2,5	41,0 - 46,0	2059,0	3100,0	350 kcmil
32434	1 x 240	rm / 25	36	18 / 30	8,0	2,5	43,0 - 48,0	2587,0	3730,0	500 kcmil
32435	1 x 300	rm / 25	36	18 / 30	8,0	2,5	46,0 - 51,0	3163,0	4000,0	600 kcmil
32436	1 x 400	rm / 35	36	18 / 30	8,0	2,5	49,0 - 54,0	4234,0	5330,0	750 kcmil
32437	1 x 500	rm / 35	36	18 / 30	8,0	2,5	52,0 - 57,0	5194,0	6480,0	1000 kcmil

Dimensions and specifications may be changed without prior notice.

Cable glands accessories

- Locknuts
- EMV locknuts
- Fastening angle
- Adapter
- Extension / Reduction
- Blanking plug
- Screw caps
- Seals



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