Teknik Veriler / Technical Data

Çalışma gerilimi
Operating voltage
300/500 V

Çalışma sıcaklığı
Operating temperature
-30 ...+90°C

Kısa devre sıcaklığı Max.
Short-circuit temperature Max.
250°C

Test gerilimi
Test voltage
2000 V

Referans standart
Reference standard
VDE 0266 and VDE 0250

Düşük duman yoğunluğu
Low smoke density
IEC 61034-1

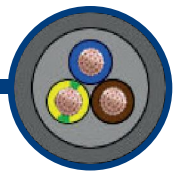
Bükme yarıçap
Bending radius
Min. 12 x Ø

Alev iletmeme
Flame-retardant
(PVC and HFFR type)
IEC 60332-1-2 and
IEC 60332-3-24 Cat.C

Halojensiz
Halogen-free
IEC 60754-1-2

NHXMH

300/500 V



Kullanım Alanları

Bu kablolar mekanik darbelerin bulunmadığı bina içinde, yer altında, güç merkezlerinde ve endüstriyel tesislerde güç ve kontrol kablosu olarak kullanılır.

Applications

These cables are not mechanical effects in the building, underground, power centers and industrial facilities as power and control cables are used

Kablo Yapısı / Cable Structure

İletken Conductor	: Tavlı mono bakır tel (HD 383 S2 Class 1or Class 2) : Annealed solid copper wire (HD 383 S2 Class 1or Class 2)
İzolasyon Insulation	: XLPE bileşik (VDE 0266 / HXI1) : XLPE compound (VDE 0266 / HXI1)
Damar renkleri Core identification	: VDE 0293-308 : VDE 0293-308
Büküm Lay-up	: Katlar halinde bükülür : In layers stranding
İç kılıf Inner sheath	: HFFR bileşik : HFFR compound
Dış kılıf Outer sheath	: HFFR bileşik (VDE 0207 - 24 / HM4) : HFFR compound (VDE 0207 - 24 / HM4)

Uygulanan Testler / Applied Tests

Yapısal boyut testleri Structural dimension tests	: DIN VDE 472 Teil 401, 402
Mekanik testler Mechanical tests	: DIN VDE 472 Teil 303, 602, 603, 604, 608, 609, 610, 612 620, 804, 808
Elektriksel testler Electrical tests	: DIN VDE 472 Teil 502, 504, 509, 510
Yangın performans testleri Fire performance tests	: IEC 60332-1-2, IEC 60332-3-24 Cat.C, IEC 61034-1, IEC 60754-1-2

Damar Sayısı x İletken Kesiti (mm²) Core Numbers Conductor Section (mm²)	Dış Çap yaklaşık (mm) O.D approx (mm)	Bakır Faktörü (kg/km) Copper Factor (kg/km)	Kablo Ağırlığı yaklaşık (kg/km) Cable Weight approx (kg/km)
1x1.5 RE	7,0	15,0	49,0
2x1.5 RE	8,9	29,0	110,0
1x2.5 RE	7,6	24,0	60,0
2x2.5 RE	10,0	48,0	136,0
1x4 RE	8,6	39,0	80,0
2x4 RE	11,4	77,0	202,0
1x6 RE	9,9	58,0	111,0
1x10 RE	11,2	96,0	160,0
1x16 RM	11,9	154,0	232,0
3G1.5 RE	9,4	43,0	130,0
4G1.5 RE	10,2	58,0	151,0
5G1.5 RE	10,8	72,0	177,0
7G1.5 RE	11,4	101,0	209,0
3G2.5 RE	10,4	72,0	163,0

Damar Sayısı x İletken Kesiti (mm²) Core Numbers Conductor Section (mm²)	Dış Çap yaklaşık (mm) O.D approx (mm)	Bakır Faktörü (kg/km) Copper Factor (kg/km)	Kablo Ağırlığı yaklaşık (kg/km) Cable Weight approx (kg/km)
4G2.5 RE	11,3	96,0	200,0
5G2.5 RE	11,9	120,0	238,0
7G2.5 RE	13,5	168,0	300,0
3G4 RE	11,8	115,0	235,0
4G4 RE	13,3	154,0	300,0
5G4 RE	14,8	192,0	345,0
3G6 RE	13,4	173,0	323,0
4G6 RE	14,8	230,0	400,0
5G6 RE	16,0	288,0	475,0
3G10 RE	16,0	288,0	485,0
4G10 RE	17,4	384,0	603,0
5G10 RE	18,9	480,0	720,0
3G16 RM	19,7	461,0	850,0
4G16 RM	21,6	615,0	940,0