

Teknik Veriler / Technical Data



Çalışma gerilimi
Operating voltage
450/750 V



Çalışma sıcaklığı
Operating temperature
-30 ...+70°C



Bükme yarıçap
Bending radius
Min. 7,5x Ø



Alev iletme
Flame retardant
IEC 60332-1-2



Test gerilimi
Test voltage
2500 V



Kısa devre sıcaklığı Max.
Short-circuit temperature Max.
160°C



İzolasyon direnci
Insulation resistance
Min. 120 Mohm x km



Referans standart
Reference standard
EN 50214

H07VVH6-F

450/750 V



Kullanım Alanları

Bu kablolar, makinelerde ölçme ve kontrol kablosu, konveyör bağlantıları, makine üretimi üretim hatları, klimalar ve çelik üretimi gibi mekanik gerilmelerin olmadığı yada hafif şiddet gerilmeli, hareket zorlamasız kuru, nemli ve ıslak yerlerde kullanılır.

Applications

These cables are used for flexible use for medium mechanical stresses with free movement without tensile stress or forced movements in dry, moist and wet rooms but not suitable for open air, as measuring and control cables in tool machines, conveyor belts, production lines in machinery production, in air-conditioning and in steel production.

Kablo Yapısı / Cable Structure

Uygulanan Testler / Applied Tests

İletken Conductor	: Tavlı bükülü bakır tel (HD 383 S2 Class 5) : Annealed stranded copper wire (HD 383 S2 Class 5)	Yapısal boyut testleri Structural dimension tests	: TS EN 50214, TS EN 60811-3-1
İzolasyon Insulation	: PVC bileşik (HD 21.1 S4 / TI2) : PVC compound (HD 21.1 S4 / TI2)	Mekanik testler Mechanical tests	: TS EN 60811-3-2 TS EN 60811-3-1 TS EN 60811-1-1
Damar renkleri Core identification	: Sarı/Yeşil ve numaralı damarlar : Green/Yellow and number cores	Elektriksel testler Electrical tests	: TS EN 50395
Dış kılıf Outer sheath	: Yassı PVC bileşik (HD 21.1 S4 / TM2) : Flat PVC compound (HD 21.1 S4 / TM2)	Yangın performans testleri Fire performance tests	: IEC 60332-1-2

Damar Sayısı x İletken Kesiti (mm ²) Core Numbers Conductor Section (mm ²)	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)
4G1,5	4,5 x 13,7	58,0	133,0
5G1,5	4,5 x 17,9	72,0	169,0
7G1,5	4,5 x 23,5	101,0	235,0
8G1,5	4,5 x 26,8	115,0	265,0
10G1,5	4,5 x 33,5	144,0	332,0
12G1,5	4,5 x 38,9	173,0	421,0
16G1,5	4,5 x 51,5	230,4	555,0
24G1,5	4,5 x 83,0	346,0	820,0
4G2,5	5,5 x 17,0	96,0	205,0
5G2,5	5,5 x 21,5	120,0	256,0
7G2,5	5,5 x 30,3	168,0	344,0
8G2,5	5,5 x 31,9	192,0	389,0
12G2,5	5,8 x 47,1	288,0	580,0
16G2,5	5,8 x 55,1	384,0	674,0
24G2,5	5,8 x 120,0	604,0	950,0

Damar Sayısı x İletken Kesiti (mm ²) Core Numbers Conductor Section (mm ²)	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)
4G4	7,0 x 21,8	154,0	344,0
5G4	7,0 x 27,4	192,0	428,0
7G4	7,9 x 36,6	269,0	590,0
4G6	8,2 x 24,8	230,0	424,0
5G6	8,2 x 31,8	288,0	530,0
7G6	8,2 x 42,6	403,0	760,0
4G10	10,0 x 29,6	384,0	710,0
4G16	11,2 x 34,4	614,0	1.014,0
5G16	13,0 x 46,6	768,0	1.370,0
4G25	13,7 x 42,6	960,0	1.365,0
5G25	15,5 x 55,5	1.200,0	2.000,0
4G35	16,4 x 47,6	1.344,0	2.100,0
4G50	18,2 x 57,0	1.920,0	2.940,0
4G70	20,0 x 64,2	2.688,0	4.090,0