

**Semboller**

**Symbols**

# HD 361 S3'e Göre Rumuzlandırma Tablosu

## Symbol Key According to HD 361 S3

Harmonize Tip / Harmonized Type	H									
Ulusal Tip / National Type	A									
<b>Anma Gerilimi / Rated Voltage U<sub>0</sub> / U</b>										
100 / 100 V	01									
300 / 300 V	03									
300 / 500 V	05									
450 / 750 V	07									
<b>Yalıtkan (Insulation) / Dış Kılıf (Outer Sheath)</b>										
Etilen Propilen Kauçuk / Ethylene Propylene Rubber (EPR)	B									
Etilen Vinil Asetat / Ethylene Vinyl Acetate (EVA)	G									
Cam Elyaf Örgü / Glass Fibre Braiding	J									
Polikloropren / Poly Chloro Pren (PCP)	N									
Chlorosulphanated Polyethylene (CSP)										
Suya Dayanıklı Özel Polikloropren (PCP)	N8									
Water-resistant Special Polychloroprene (PCP)										
Doğal Kauçuk / Natural Rubber	R									
Silikon Kauçuk / Silicone Rubber	S									
Tekstil Örgü / Textile Braiding	T									
Polivinilklorür / Polyvinilchloride(PVC)	V									
90 °C Çalışma Sıcaklığına Dayanıklı Polivinilklorür (PVC)	V2									
90 °C Ambient Temperature-resistant Polyvinilchloride (PVC)										
Düşük Sıcaklıklara Dayanıklı Polivinilklorür (PVC)	V3									
Low-temperature Resistant Polyvinilchloride(PVC)										
Çapraz Bağlı (Vulkanize) Polivinilklorür (XLPVC)	V4									
Cross-Linked (Vulcanized) Polyvinilchloride (XLPVC)										
Yağa Dayanıklı Polivinilklorür (PVC)	V5									
Oil-Resistant Polyvinilchloride (PVC)										
Çapraz Bağlı Polietilen / Cross-Linked Polyethylene (XLPE)	X									
Polietilen Bazlı Yandıığında Korozif Gaz Çıkarmayan	Z									
Düşük Duman Yoğunluklu Çapraz Bağlı (Vulkanize) Bileşik										
Polyethylene Based, No Corrosive Gas Creating While										
Burning, Low Smoke Density Cross Linked (Vulcanized)										
Polietilen Bazlı Yandıığında Korozif Gaz Çıkarmayan	Z1									
Düşük Duman Yoğunluklu Termoplastik Bileşik										
Polyethylene Based, No Corrosive Gas Creating While										
Burning, Low Smoke Density Thermoplastic Compound										
<b>Metalik Ekran / Metallic Screen</b>										
Konsantrik Bakır Tel / Concentric Copper Wire	C									
Bakır Tellerden Çorap Örgü / Copper Wire Braiding	C4									
Şerit, Bant veya Tellerden Yapılan Bakır Ekran	C7									
Strip, Tape or Wires Made Copper Screen										
Her Bir Damar Üzerinde Şerit, Bant veya Tellerden Yapılan Bakır Ekran	C8									
Strip, Tape or Wires Made Copper Screen For Each Core										
<b>Yapısal Özellikler / Constructional Features</b>										
Ayrılabilir Yassı Kablolar (Kılıflı veya Kılıfsız)	H									
Divisible Flat Cables (Sheathed or unsheathed)										
Ayrılamayan Yassı Kablolar (Kılıflı)	H2									
Undivisible Flat Cables (Sheathed)										
Üç veya Daha Fazla Damarı Olan Yassı Kablolar	H6									
Three or More Cored Sheathed Flat Cables										
Alüminyum Tel Zırh / Aluminum Wire Armoured	Y2									
Yuvarlak Çelik Tel Zırh / Round Steel Wire Armoured	Z2									
Yassı Çelik Tel Zırh / Flat Steel Wire Armoured	Z3									
<b>İletken Yapısı / Conductor Structure</b>										
Tek Telli (Klas 1) / Solid (Class 1)	U									
Çok Telli (Klas 2) / Stranded (Class 2)	R									
Sabit Tesis İçin İnce Çok Telli Bükülgen (Klas 5)	K									
Fine-stranded Flexible for Fixed Installations (Class 5)										
Hareketli Tesis İçin İnce Çok Telli Bükülgen (Klas 5)	F									
Fine-stranded Flexible for Mobile Installations (Class 5)										
Yüksek Derecede Bükülgenlik Gerektiren Bükülgen (Klas 6)	H									
High Twistable Flexible (Class 6)										
Gelin Teli Biçiminde İletken	Y									
Tinsel Conductor										
<b>Damar Sayısı / No of Cores</b>										
Yeşil / Sarı Damarı Yok / Without Green / Yellow Core	..									
Yeşil / Sarı Damarı / With Green / Yellow Core	X									
Yeşil / Sarı Damarı / With Green / Yellow Core	G									
<b>İletken Kesiti / Rated Cross-section of Conductor (mm<sup>2</sup>)</b>	..									

**TS 621 ve VDE 0276'ya göre rumuzlandırma tablosu**  
Symbol key according to TS 621 and VDE 0276

TS 621	VDE 0276	AÇIKLAMA	EXPLANATION
A	A	Alüminyum iletken	Aluminium conductor
V	Y	PVC termoplastik yalıtkan veya kılıf	Polyvinylchloride insulation or sheath
S	S	Siper	Copper shield
SH	SE	Her damar üzerinde siper	Metallic screen (copper) over each core
M	C	Konsantrik iletken	Concentric copper conductor
E	2Y	Polietilen	Polyethylene
E3	2X	Çapraz bağlı polietilen	Cross-linked polyethylene
Ş	F	Galvanizli yassı çelik tellerden yapılmış zırh	Galvanized flat steel wire armour
O	R	Galvanizli yuvarlak çelik tellerden yapılmış zırh	Galvanized round steel wire armour
	G	Çelik tutucu şerit (Ş ve O için)	Steel tape helix (for F and R)
s	s	Daire kesmesi (sektör kesitli iletken, daire dilimli kesitli iletken)	Sector-shaped conductor
ş	v	Sıkıştırılmış iletken (bu kablolar çok telli olduklarından "ş" harfinin kullanıldığı yerde "ç" kullanılmaz)	Compacted conductor (since these cables have stranded copper conductors letter "ç" is not used wherever letter "ş" is employed)
ç	rm	Çok telli iletken	Stranded conductors
	W	Sıcağa ve korozyona dayanıklı	Resistant to heat and corrosion

# İletken ve Kabloların Ulusal ve Uluslararası Standart Karşılıkları

## National and International Corresponding Standards of Insulated Wires and Cables

KABLO YAPISI CABLE STRUCTURE	KABLO TİPİ CABLE TYPE				GERİLİM SEVİYESİ VOLTAGE LEVEL			STANDART No: STANDARD No:			
	Ulusal National	CENELEC	VDE	IEC	U <sub>0</sub>	U	U <sub>max</sub>	Ulusal National	CENELEC	VDE	IEC
Cu/PVC	H05V-U			60227 IEC 05	300	500	600	TS EN 50525-2-31	EN 50525-2-31	DIN EN 50525-2-31	IEC 60227-3
Cu/PVC	H07V-U			60227 IEC 01	450	750	900	TS EN 50525-2-31	EN 50525-2-31	DIN EN 50525-2-31	IEC 60227-3
Cu/PVC	H07V-R			60227 IEC 01	450	750	900	TS EN 50525-2-31	EN 50525-2-31	DIN EN 50525-2-31	IEC 60227-3
Cu/PVC	H05V-K			60227 IEC 06	300	500	600	TS EN 50525-2-31	EN 50525-2-31	DIN EN 50525-2-31	IEC 60227-3
Cu/PVC	H07V-K			60227 IEC 02	450	750	900	TS EN 50525-2-31	EN 50525-2-31	DIN EN 50525-2-31	IEC 60227-3
Cu/PVC	H05V2-U			60227 IEC 07	300	500	600	TS EN 50525-2-31	EN 50525-2-31	DIN EN 50525-2-31	IEC 60227-7
Cu/PVC	H07V2-U			60227 IEC 07	450	750	900	TS EN 50525-2-31	EN 50525-2-31	DIN EN 50525-2-31	IEC 60227-7
Cu/PVC	H07V2-R				450	750	900	TS EN 50525-2-31	EN 50525-2-31	DIN EN 50525-2-31	IEC 60227-7
Cu/PVC	H05V2-K			60227 IEC 08	300	500	600	TS EN 50525-2-31	EN 50525-2-31	DIN EN 50525-2-31	IEC 60227-7
Cu/PVC	H07V2-K			60227 IEC 08	450	750	900	TS EN 50525-2-31	EN 50525-2-31	DIN EN 50525-2-31	IEC 60227-7
Cu/LSOH	H05Z1-U				300	500	600	TS EN 50525-3-31	EN 50525-3-31	DIN EN 50525-3-31	IEC 60227-15
Cu/LSOH	H07Z1-U				450	750	900	TS EN 50525-3-31	EN 50525-3-31	DIN EN 50525-3-31	IEC 60227-15
Cu/LSOH	H07Z1-R				450	750	900	TS EN 50525-3-31	EN 50525-3-31	DIN EN 50525-3-31	IEC 60227-15
Cu/LSOH	H05Z1-K				300	500	600	TS EN 50525-3-31	EN 50525-3-31	DIN EN 50525-3-31	IEC 60227-15
Cu/LSOH	H07Z1-K				450	750	900	TS EN 50525-3-31	EN 50525-3-31	DIN EN 50525-3-31	IEC 60227-15
Cu/PVC/PVC	H03VV-F				300	500	600	TS EN 50525-2-11	EN 50525-2-11	DIN EN 50525-2-11	IEC 60227-5
Cu/PVC/PVC	H03VVH2-F				300	500	600	TS EN 50525-2-11	EN 50525-2-11	DIN EN 50525-2-11	IEC 60227-5
Cu/PVC/PVC	H05VV-F				300	500	600	TS EN 50525-2-11	EN 50525-2-11	DIN EN 50525-2-11	IEC 60227-5
Cu/PVC/PVC	H05VVH2-F				300	500	600	TS EN 50525-2-11	EN 50525-2-11	DIN EN 50525-2-11	IEC 60227-5
Cu/PVC/PVC	H03V2V2-F				300	500	600	TS EN 50525-2-11	EN 50525-2-11	DIN EN 50525-2-11	IEC 60227-12
Cu/PVC/PVC	H03V2V2H2-F				300	500	600	TS EN 50525-2-11	EN 50525-2-11	DIN EN 50525-2-11	IEC 60227-12
Cu/PVC/PVC	H05V2V2-F				300	500	600	TS EN 50525-2-11	EN 50525-2-11	DIN EN 50525-2-11	IEC 60227-12
Cu/PVC/PVC	H05V2V2H2-F				300	500	600	TS EN 50525-2-11	EN 50525-2-11	DIN EN 50525-2-11	IEC 60227-12
Cu/PVC/PVC	H05VV5-F				300	500	600	TS EN 50525-2-51	EN 50525-2-51	DIN EN 50525-2-51	
Cu/PVC/PVC/CWB/PVC	H05VVC4V5-K				300	500	600	TS EN 50525-2-51	EN 50525-2-51	DIN EN 50525-2-51	
Cu/PVC/PVC	H05VVH6-F				300	500	600	TS EN 50214	EN 50214	DIN EN 50214	
Cu/PVC/PVC	H07VVH6-F				450	750	900	TS EN 50214	EN 50214	DIN EN 50214	
Cu/PVC/PVC	NVV		NYM		300	500	600	HD 21.4 52		VDE 0250 - 204	IEC 60227-4
Cu/XLPE/LSOH	NHXMH		NHXMH		300	500	600	TSE K 328		VDE 0250 - 214	
Cu/EPR/SR	H05RN-F			60245 IEC 51	300	500	600	TS EN 50525-2-21	EN 50525-2-21	DIN EN 50525-2-21	IEC 60245-4
Cu/EPR/SR	H05RR-F			60245 IEC 53	300	500	600	TS EN 50525-2-21	EN 50525-2-21	DIN EN 50525-2-21	IEC 60245-4
Cu/EPR/SR	H07RN-F			60245 IEC 66	450	750	900	TS EN 50525-2-21	EN 50525-2-21	DIN EN 50525-2-21	IEC 60245-4
Cu/PCP	H0IN2-D			60245 IEC 81	100	100	120	TS EN 50525-2-81	EN 50525-2-81	DIN EN 50525-2-81	IEC 60245-6
Cu/SIR	H05S-K	H05S-K	N2GAF		300	500	600	TSEK		VDE 0250 - 602	
Cu/EPR/PCP	(N)SGAF0U		NSGAF0U		600	1000	1200	TSEK		VDE 0250 - 602	
Cu/EPR/PCP	(N)SGAF0U		NSGAF0U		1800	3000	3600	TSE K 332		VDE 0250 - 602	
Cu/EPR/PCP/TB/PCP	(N)SHT0U		NSHT0U		600	1000	1200	TSE K 371		VDE 0250 - 602	
Cu/EPR/PCP/TB/PCP	(N)TSW0U		NTSW0U		600	1000	1200	TSE K 370		VDE 0250 - 813	
Cu/EPR/PCP/TB/PCP	(N)TSCGEW0U		NTSCGEW0U		3600	6000	7200	TSE K 370		VDE 0250 - 813	
Cu/EPR/PCP/TB/PCP	(N)TSCGEW0U		NTSCGEW0U		6000	10000	12000	TSE K 370		VDE 0250 - 813	
Cu/EPR/PCP/TB/PCP	(N)TSCGEW0U		NTSCGEW0U		8700	15000	18000	TSE K 370		VDE 0250 - 813	
Cu/EPR/PCP/TB/PCP	(N)TSCGEW0U		NTSCGEW0U		12000	20000	24000	TSE K 370		VDE 0250 - 813	
Cu/PVC/PVC	YVV-U / YVV-R	NYV	NYV		600	1000	1200		HD 603 3G	VDE 0276 - 603	IEC 60502-1
Cu/PVC/GSWA/PVC	YVZ2V-U / YVZ2V-R	NYRY	NYRY	YRY	600	1000	1200				IEC 60502-1
Cu/PVC/CWS/PVC	YVCV-U / YVCV-R	NYCY	NYCY	YCY	600	1000	1200		HD 603 3G	VDE 0276 - 603	IEC 60502-1
Cu/PVC/GSWA/PVC	YVZ3V-R		NYFGY	YFGY	600	1000	1200				IEC 60502-1
Cu/XLPE/PVC	YXV-U/YXV-R	N2XY	N2XY	2XY	600	1000	1200		HD 603 3G	VDE 0276 - 603	IEC 60502-1
Cu/XLPE/GSWA/PVC	YXZ2V-U / YXZ2V-R	N2XRY	N2XRY	2XRY	600	1000	1200				IEC 60502-1
Cu/XLPE/CWS/PVC	YXCV-U / YXCV-R	N2XCY	N2XCY	2XCY	600	1000	1200				IEC 60502-1
Cu/XLPE/GSWA/PVC	YXZ3-R		N2XFGY	2XFGY	600	1000	1200				IEC 60502-1
Cu/XLPE/LSOH	N2XH	N2XH	N2XH	2XH	600	1000	1200				IEC 60502-1
Cu/XLPE/GSWA/LSOH	N2XRH		N2XRH	2XRH	600	1000	1200	TSE K 339			
Cu/XLPE/CWS/LSOH	N2XCH	N2XCH	N2XCH	2XCH	600	1000	1200				IEC 60502-1
Cu/XLPE/GSWA/LSOH	2XFGH		2XFGH	2XFGH	600	1000	1200				IEC 60502-1
Cu/MT/XLPE/LSOH	N2XH FE180	N2XH FE180	N2XH FE180	2XH FE180	600	1000	1200				IEC 60502-1
Cu/MT/XLPE/GSWA/LSOH	N2XRH FE180		N2XRH FE180	2XRH FE180	600	1000	1200	TSE K 339			
Cu/MT/XLPE/CWS/LSOH	N2XCH FE180	N2XCH FE180	N2XCH FE180	2XCH FE180	600	1000	1200				IEC 60502-1
Cu/MT/XLPE/GSWA/LSOH	2XFGH FE180		2XFGH FE180	2XFGH FE180	600	1000	1200				IEC 60502-1
Cu/EPR/CTS/PCP	FLGCG					5000	6000				IEC 60502-1
Cu/XLPE/CTS/PE	FL2X(CT)2Y					5000	6000				IEC 60502-1
Cu/XLPE/CWS/PVC	YXC7V-R				3600	6000	7200				IEC 60502-2
Cu/XLPE/CTS/PVC/GSWA/PVC	YXC8V23V-R				3600	6000	7200				IEC 60502-2
Cu/XLPE/CWS/PVC	YXC7V-R				6000	10000	12000				IEC 60502-2
Cu/XLPE/CTS/PVC/GSWA/PVC	YXC8V23V-R				6000	10000	12000				IEC 60502-2
Cu/XLPE/CWS/PVC	YXC7V-R				8700	15000	18000				IEC 60502-2
Cu/XLPE/CTS/PVC/GSWA/PVC	YXC8V23V-R				8700	15000	18000				IEC 60502-2
Cu/XLPE/CWS/PVC	YXC7V-R				12000	20000	24000				IEC 60502-2
Cu/XLPE/CTS/PVC/GSWA/PVC	YXC8V23V-R				12000	20000	24000				IEC 60502-2
Cu/XLPE/CWS/PVC	YXC7V-R				18000	30000	36000				IEC 60502-2
Cu/XLPE/CTS/PVC/GSWA/PVC	YXC8V23V-R				18000	30000	36000				IEC 60502-2
Cu/XLPE/CWS/PVC	YXC7V-R				20300	35000	42000	TSE K 204			
Cu/XLPE/CTS/PVC/GSWA/PVC	YXC8V23V-R				20300	35000	42000	TSE K 204			

