RE-2X(St)HSWAH..CI TIMF Cu/Mica+Xlpe/Is/Os/Lszh/Swa/Lszh

EN 50288-7





Yapı / *Construction*

İletken	: DIN VDE 0295, IEC 60228, EN 60228 Elektrolitik Tavlı Bakır Sınıf 2	Conductor	: DIN VDE 0295, IEC 60228, EN 60228 Electrolytic Stranded Annealed Copper Wire, Class 2
İzolasyon	: Mica + EN 50290-2-29 XLPE Kompaund	Insulation	: Mica + EN 50290-2-29 XLPE Compaund
İzolasyon Rengi	: Beyaz-Siyah-Kırmızı numaralı	Insulation Colour	: White-Black-Red cores with black number imprinted
Ayırıcı Bant	: PES Bant	Wrapping	: PES Tape
Bireysel Ekran	: Kalaylı bakır toprak teli (0,60mm) + AL-PES Bant	Individual Screen	: Tinned copper drain wire (0,60mm) + AL-PES tape
Büküm	: Ekranlı üçlü damarlar Katlar halinde büküm	Stranding	: Screened Triples in Layers of optimum pitch
Ayırıcı Bant	: PES Bant	Wrapping	: PES Tape
Genel Ekran	: Kalaylı bakır toprak teli (7x0,30mm) + AL-PES Bant	Overall Screen	: Tinned copper drain wire (7x0,30mm) + AL-PES tape
İç Kılıf	: EN 50290-2-27 HFFR Kompaund	Inner Sheath	: EN 50290-2-27 HFFR Compaund
Armür	: Galvanizli çelik tel	Armour	: Galvanized round stell wire
Dış Kılıf	: EN 50290-2-27 HFFR Kompaund	Outer Sheath	: EN 50290-2-27 HFFR Compaund
Dış Kılıf Rengi	: Ral 2003 Turuncu, Ral 3000 Kırmızı ,Ral 9005, Ral 5015	Outer Sheath Colour	: Ral 2003 Orange, Ral 3000 Red, Ral 9005, Ral 5015

Kullanıldığı Yerler / *Applications*

- Enstrümantasyon ve kontrol mühendisliği analog ve dijital sinyal iletimi,
- Kimya Endüstrisi
- Endüstriyel sinyalizasyon ve proses kontrol devrelerinde
- Petrokimya endüstrisi
- Elektrikli ölçüm cihazları gösterge panellerinde
- Benzin istasyonları
- Kontrol konsolları ve pano kontrol dolapları
- Yangın durumunda devre bütünlüğünün korunması gereken yerlerde

- Instrumentation and control engineering analog and digital signal transmission
- Chemistry industry
- Industrial signaling and process control circuit.
- Petrochemistry industry
- Electrical measuring devices to instrument panel
- Gas stations
- Control cabinets to supervisory consoles and panel
- Where maintenance of circuit integrity in case of fire is required

Teknik Bilgiler / *Technical Data*

Özellikler *Properties*	**Birim** *Unit*	**Değerler** *Values*					
		0,50 mm²	0,75 mm²	1,00 mm²	1,30 mm²	1,50 mm²	2,50 mm²
İletken Direnci *Conductor Resistance (Cl. 2)*	Ω/km max.	36	24,50	18,10	14,20	12,10	7,41
Yalıtkan Direnci *Insulation Resistance*	MΩxKm min.	5000					
İndüktans *Inductance*	mH/Km max.	500					
L/R (Ratio)	µH/Ω max.	25	25	25	40	40	60
Current Load	A	6	13	16	18	20	25
Efektif Kapasite *Mutual Capacity*	300 V	100	100	100	100	100	-
	500 V	115	115	115	115	115	115
Çalışma Voltajı *Operating Voltage*	V	300 / 500 V					
Test Voltajı *Test Voltage*	V	Cr./Cr.=2000 V / Cr./Scrn.=2000 V					
Bükülme Yarıçapı *Bending Radius*	mm	7,5XCable Ø					
Çalışma Sıcaklığı *Temperature Range*	°C	-30°C ~+90°C during operation					

Yangın Performans Testleri / *Fire Performance Tests*

Alev Geciktiricilik Testi *Flame Retardant*	**Alev Yayılım Testi** *Flame Propagation (Cat. C)*	**Duman Yoğunluğu Testi** *Smoke Densinity Test*	**Korozif Gaz Testi** *Corrosive Gas Test*	**Halojensizlik Testi** *Halogen Free Test*	**Devre Bütünlüğü** *Circucit Integrity*	**Yağ Testi** *Oil Resistance*
IEC 60332-1-2 VDE 0482-332-1-2 EN 60332-1-2	IEC 60332-3-24 VDE 0482-332-3-24 EN 60332-3-24	IEC 61034-2 VDE 0482-1034-2 EN 61034-2	IEC 60754-2 VDE 0482-267-2-3 EN 50267-2-3	IEC 60754-1 VDE 0482-267-2-1 EN 50267-2-1	IEC 60331-21	ICEA S-73-532 Test temperature +70°C, duration 4h

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Malzeme Kodu *Products Code*	Kesit *Cross Section* (mm²)	Dış Çap *Outer Diam.* (mm~)	Bakır Ağırlığı *Copper Weight* (kg/km~)	Toplam Ağırlık *Total Weight* (kg/km~)
7531162025	2x3x0,50	15,80	38	461
7531162035	3x3x0,50	16,60	54	515
7531162045	4x3x0,50	17,75	71	582
7531162055	5x3x0,50	19,15	87	662
7531162065	6x3x0,50	21,25	104	875
7531162075	7x3x0,50	21,25	120	902
7531162085	8x3x0,50	23,40	137	1025
7531162105	10x3x0,50	26,05	170	1191
7531162125	12x3x0,50	26,75	203	1279
7531162145	14x3x0,50	28,00	236	1395
7531162165	16x3x0,50	29,35	269	1516
7531162185	18x3x0,50	30,70	302	1631
7531162205	20x3x0,50	32,90	335	2049
7531162245	24x3x0,50	36,60	402	2322
7531164025	2x3x1,00	17,50	67	548
7531164035	3x3x1,00	18,45	99	626
7531164045	4x3x1,00	20,65	130	864
7531164055	5x3x1,00	22,20	161	968
7531164065	6x3x1,00	23,90	193	1088
7531164075	7x3x1,00	23,90	224	1130
7531164085	8x3x1,00	26,35	255	1288
7531164105	10x3x1,00	29,40	318	1512
7531164125	12x3x1,00	30,30	381	1641
7531164145	14x3x1,00	32,45	443	2016
7531164165	16x3x1,00	34,55	506	2251
7531164185	18x3x1,00	36,15	569	2429
7531164205	20x3x1,00	37,90	631	2612
7531164245	24x3x1,00	41,75	757	2998
7531166025	2x3x1,50	18,60	94	622
7531166035	3x3x1,50	20,35	139	853
7531166045	4x3x1,50	21,85	183	981
7531166055	5x3x1,50	23,65	228	1119
7531166065	6x3x1,50	25,40	273	1254
7531166075	7x3x1,50	25,40	317	1311
7531166085	8x3x1,50	28,20	362	1508
7531166105	10x3x1,50	32,30	451	1993
7531166125	12x3x1,50	33,20	541	2162
7531166145	14x3x1,50	35,25	630	2420
7531166165	16x3x1,50	37,00	719	2646
7531166185	18x3x1,50	38,80	809	2865
7531166205	20x3x1,50	40,70	898	3093
7531166245	24x3x1,50	46,15	1077	3995

Malzeme Kodu *Products Code*	Kesit *Cross Section* (mm²)	Dış Çap *Outer Diam.* (mm~)	Bakır Ağırlığı *Copper Weight* (kg/km~)	Toplam Ağırlık *Total Weight* (kg/km~)
7531163025	2x3x0,75	16,70	52	508
7531163035	3x3x0,75	17,50	76	570
7531163045	4x3x0,75	18,85	100	657
7531163055	5x3x0,75	21,00	124	884
7531163065	6x3x0,75	22,60	148	984
7531163075	7x3x0,75	22,60	172	1019
7531163085	8x3x0,75	24,90	195	1163
7531163105	10x3x0,75	27,75	243	1349
7531163125	12x3x0,75	28,55	291	1458
7531163145	14x3x0,75	29,85	339	1588
7531163165	16x3x0,75	32,15	386	1953
7531163185	18x3x0,75	33,65	434	2111
7531163205	20x3x0,75	35,65	482	2329
7531163245	24x3x0,75	39,20	577	2656
7531165025	2x3x1,30	18,10	84	591
7531165035	3x3x1,30	19,10	124	685
7531165045	4x3x1,30	21,35	164	930
7531165055	5x3x1,30	23,05	204	1060
7531165065	6x3x1,30	24,80	244	1200
7531165075	7x3x1,30	24,80	284	1251
7531165085	8x3x1,30	27,50	324	1429
7531165105	10x3x1,30	30,70	404	1677
7531165125	12x3x1,30	32,40	484	2051
7531165145	14x3x1,30	34,30	564	2302
7531165165	16x3x1,30	36,05	644	2504
7531165185	18x3x1,30	37,80	724	2713
7531165205	20x3x1,30	39,60	803	2920
7531165245	24x3x1,30	44,55	963	3730
7531167025	2x3x2,50	22,35	145	944
7531167035	3x3x2,50	23,60	216	1094
7531167045	4x3x2,50	25,45	286	1261
7531167055	5x3x2,50	27,60	357	1451
7531167065	6x3x2,50	29,95	427	1658
7531167075	7x3x2,50	29,95	497	1747
7531167085	8x3x2,50	34,50	568	2294
7531167105	10x3x2,50	38,65	709	2697
7531167125	12x3x2,50	39,90	850	2953
7531167145	14x3x2,50	41,80	990	3244
7531167165	16x3x2,50	44,95	1131	3919
7531167185	18x3x2,50	47,55	1272	4334
7531167205	20x3x2,50	49,90	1413	4698
7531167245	24x3x2,50	56,15	1695	5963