

TCX® (I) 150/250 (300) V

INSTRUMENTATION, CONTROL and COMMUNICATION CABLES

Beskrivelse

Application

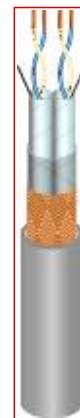
TCX (I) type is used on board of ships for fixed installations complying with IEC standards 60092-352.

TCX (I) type withstands IEC 60332-3-22 fire test on bunched cables and performs to the SOLAS requirements.

Design

All materials used to produce this cable are halogen free. This design ensures that non corrosive and low toxic gases are emitted in case of fire. Therefore, this cable type is especially designed for installations on passenger ships, on Mega Yachts as on other commercial vessels.

1. **Conductor:**
Stranded bare copper
Class 2
2. **Insulation:**
XLPE (cross-linked polyethylene)
3. **Individual screen:**
Alu/polyester tape with a tinned copper drain wire
4. **Inner Covering:**
Lapped polyester tape
5. **Armouring:**
Bare copper braid
6. **Outer sheath:**
Polyolefin SHF1 (SHF2 on request)
Colour : grey



Standarder

International IEC 60331-1 or 2;
 IEC 60092-350; IEC 60092-360;
 IEC 60092-376; IEC 60332-1;
 IEC 60332-3-22; IEC 60754-1;
 IEC 60754-2; IEC 61034

Core identification

Pair: white / blue

Triple: white / blue / red

Marking

I NEXANS I TCX (I) "n" P or T "s" mm² 150/250V 90° C IEC 60092-376

IEC 60332-3-22 Cat. A "CE" ww/yy + metric marking

							
Halogen fri IEC 60754-1	Leder fleksibilitet Stranded class 2	Mærkespænding Uo/U 150 / 250 (300) V	Brandhæmmende IEC 60332-3 Cat.A	Røg tæthed IEC 61034	Giftig røg Nej	Korrosive gasser IEC 60754-2	Maksimal kerne temperatur 90 °C

TCX® (I) 150/250 (300) V

Tekniske data

Konstruktion	
Halogen fri	IEC 60754-1
Lederens materiale	Kobber
Leder fleksibilitet	Stranded clase 2
Isolation	XLPE (Cross-linked Polyethylene)
Individual screen	Tinned copper drain wire + aluminium/polyester tape
Inner covering	Polyester tape(s)
Armerede type	Kobber skærm
Ydre kappe	Polyolefin
Kappe farve	Grå
Elektriske egenskaber	
Mærkespænding U ₀ /U	150 / 250 (300) V
Håndteringsinformation	
Brandhæmmende	IEC 60332-3 Cat.A
Røg tæthed	IEC 61034
Giftig røg	Nej
Korrosive gasser	IEC 60754-2
Maksimal kerne temperatur	90 °C
Drifttemperatur, område	-30 .. 80 °C
Electro-magnetisk interferens modstand	Ja
Brand sikkerhed	IEC 60331-21


 Halogen fri
 IEC 60754-1

 Leder
 fleksibilitet
 Stranded
 clase 2

 Mærkespænding
 U₀/U
 150 / 250 (300) V

 Brandhæmmende
 IEC 60332-3
 Cat.A

 Røg tæthed
 IEC 61034

 Giftig røg
 Nej

 Korrosive
 gasser
 IEC 60754-2

 Maksimal kerne
 temperatur
 90 °C

TCX® (I) 150/250 (300) V

Produktliste

☎=Opret bestilling, 📦=Tilføj til lager

Nexans ref.	Antal af par	Antal af triples	Leder tværsnit (mm ²)	Minimum ydre diameter (mm)	Maksimal ydre diameter (mm)	Ca. vægt (kg/km)
☎ 25405260	1		0,5	6,2	7,4	60
☎ 25405261	2		0,5	8,8	10,5	130
☎ 25405262	4		0,5	10,0	12,0	160
☎ 25405263	7		0,5	12,0	14,0	240
☎ 25405264	10		0,5	14,5	16,5	360
☎ 25405265	14		0,5	16,0	18,0	450
☎ 25405266	19		0,5	18,5	21,0	570
☎ 25405267	24		0,5	20,5	23,0	720
☎ SUPPR		1	0,5	6,4	7,8	70
📦 25405311	1		0,75	7,0	8,2	80
📦 25405312	2		0,75	10,0	12,0	180
📦 25405313	4		0,75	12,0	14,0	230
📦 25405314	7		0,75	15,0	17,0	380
📦 25405315	10		0,75	17,5	20,0	520
📦 25405316	14		0,75	19,5	22,0	650
📦 25405317	19		0,75	22,5	25,0	830
☎ 25405318	24		0,75	24,5	27,5	1020
☎ SUPPR	30		0,75	27,0	30,0	
☎ 25405441		1	0,75	7,2	8,6	90
☎ 2540xxxx		2	0,75	12,0	14,0	230
☎ 2540xxxx		4	0,75	13,0	15,0	290
☎ 2540xxxx		7	0,75	17,0	19,5	500
☎ 2540xxxx		10	0,75	19,5	22,5	700
📦 25405406	1		1,5	8,2	9,6	110
☎ 2540xxxx	2		1,5	12,5	14,5	260
☎ 2540xxxx	3		1,5	13,5	15,5	300
☎ 2540xxxx	4		1,5	15,0	17,0	380
☎ 2540xxxx	7		1,5	18,0	20,5	570
☎ 25405411	10		1,5	21,5	24,0	820
☎ 2540xxxx	12		1,5	22,5	25,0	860
☎ 2540xxxx	14		1,5	24,0	27,0	1010
☎ 2540xxxx	19		1,5	27,5	31,0	1310
☎ 2540xxxx		1	1,5	8,8	10,5	130
☎ 2540xxxx		2	1,5	15,0	17,0	380
☎ 2540xxxx		4	1,5	16,5	19,0	490
☎ 2540xxxx	1		2,5	9,4	11,0	140
☎ 2540xxxx	4		2,5	17,0	19,0	500
☎ 2540xxxx		1	2,5	9,8	11,5	180

☎ = Opret bestilling, 📦 = Tilføj til lager