



UX P15 TCu/EVA

0.6/1 kV

NEK TS 606 Code P15, IEC 60092-353-Design guidelines

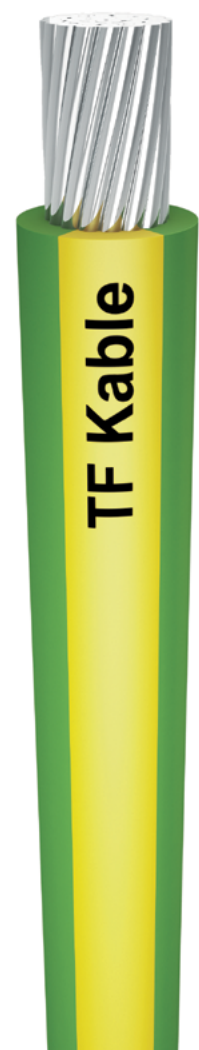
Halogen-free, flame retardant.
Mud resistant, insulated conductor

CONSTRUCTION

	Code letter	
Conductor		Tinned annealed stranded circular copper conductor class 2 or class 5 wrapped PETP
Insulation	U	Halogen-free thermoset compound in accordance with type SHF2
Unsheathed	X	
Standard marking		TF KABLE 3 UX 1,000 V P15 (SIZE) IEC 60332-3-22
Color		Green/Yellow

CHARACTERISTIC

Maximum conductor operating temperature:	+90°C
Maximum conductor temperature during short circuit:	+250°C
Lowest ambient temperature for fixed installation:	-40°C
Lowest installation temperature:	-15°C
Oil resistance:	IEC 60092-360 SHF2. I RM 902 (100°C / 24h)
Mud resistance:	NEK 606 (SHF MUD. SHF2)
Minimum bending radius:	
During installation	8 D
Fixed installed	6 D
	D – overall diameter of cable



Fire performance

Flame retardant:	IEC 60332-3-22 (Category A)
Smoke emission:	IEC 61034-2
Corrosive gas emission:	IEC 60754-1

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Applications

- Insulated conductor for earthing and bonding services
- Meets the MUD resistance requirement in NEK TS 606:2009
- Other industrial applications

167

Approvals

DNV-GL, ABS

Details related to particular Approvals are informative only. Please contact manufacturer to confirm whether the required cross-sections are covered by the Certificate.

Standard length cable packing: 1,000 m on drums
Other forms of packing and delivery are available on request

Size	Insulation thickness	Approximate diameter over insulation	Approximate weight of cable
N × mm ²	mm	mm	kg/km
1 × 6	1.0	5.2	81
1 × 10	1.0	6.5	121
1 × 16	1.0	7.1	182
1 × 25	1.2	9.0	282
1 × 35	1.2	10.2	371
1 × 50	1.4	11.7	521
1 × 70	1.4	13.4	731
1 × 95	1.6	15.8	972
1 × 120	1.6	17.3	1,221
1 × 150	1.8	19.2	1,521
1 × 185	2.0	21.4	1,893
1 × 240	2.2	24.4	2,455
1 × 300	2.4	27.2	3,093
1 × 630	2.8	38.6	6,351