



# UX P108 600/1000 V

# UX P15 600/1000 V

# TCu/EVA

**NEK TS 606:2016, Code P108, NEK TS 606:2009, Code P15, IEC 60092-353- Design guidelines, IEC 60228 conductor, IEC 60092-360 Insulating materials, IEC 60332-1-2, IEC 60332-3-22 Flame retardant, IEC 60754-1.2 Halogen free, IEC 61034-1.2 Low Smoke**

Halogen-free, flame retardant. Mud resistant insulated conductor

## APPLICATIONS

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

## 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	
Color		Green/Yellow



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## Features

Maximum conductor operating temperature: +90°C	Flame retardant: IEC 60332-3-22 (Category A)
Maximum conductor temperature during short circuit: +250°C	
Lowest ambient temperature for fixed installation: -40°C	Smoke emission: IEC 61034-2
Lowest installation temperature: -15°C	Corrosive gas emission: IEC 60754-1
Minimum bending radius:	
During installation - 8 D	Oil resistance: IEC 60092-360 SHF2, IRM 902 (100°C/24h)
Fixed installed – 6 D	
D – overall diameter of cable	Mud resistance: NEK 606 (SHF MUD, SHF2)

## Approvals

ABS Certificate No:	20-GD1953782-PDA
DNV:	TAE00001WR
Standard length cable packing	1000m on drums. Other forms of packing and delivery are available on request

Size	Insulation thickness	Approx. Diameter over insulation	Approx. weight of cable
<b>N x mm<sup>2</sup></b>	<b>mm</b>	<b>mm</b>	<b>kg/km</b>
1x6	1	5.2	81
1x10	1	6.5	121
1x16	1	7.1	182
1x25	1.2	9.1	282
1x35	1.2	10.2	371
1x50	1.4	11.7	521
1x70	1.4	13.4	731
1x95	1.6	15.8	972

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Size	Insulation thickness	Approx. Diameter over insulation	Approx. weight of cable
<b>N x mm<sup>2</sup></b>	<b>mm</b>	<b>mm</b>	<b>kg/km</b>
1x120	1.6	17.3	1221
1x150	1.8	19.2	1521
1x185	2	21.4	1893
1x240	2.2	24.4	2455
1x300	2.4	27.2	3093
1x630	2.8	38.6	6351

## Standard Print Legend

acc.to NEK TS 606:2016

acc.to NEK TS 606:2009

TF KABLE 3 UX 1000V P108 (SIZE) IEC 60332-3-22

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