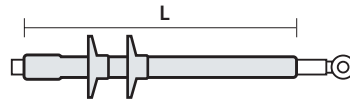


# HEAT-SHRINK TERMINATIONS FOR OUTDOOR USE FOR ARMoured CABLES

Terminations for **SINGLE CORE** extruded cables up to **36 kV**.



For cables armoured with wires or aluminium tape

For U<sub>max</sub> cables  
**7,2 kV**

Product	Item	Voltage U <sub>max</sub> (kV)	Conductor cross section (mm <sup>2</sup> )	L (mm)
THVO 6/70-ARM	THVO6/70-ARM	7,2	25 - 70	600
THVO 6/120-ARM	THVO6/120-ARM		95 - 120	
THVO 6/400-ARM	THVO6/400-ARM		150 - 400	
THVO 6/630-ARM	THVO6/630-ARM		500 - 630	

For U<sub>max</sub> cables  
from **12 to 24 kV**

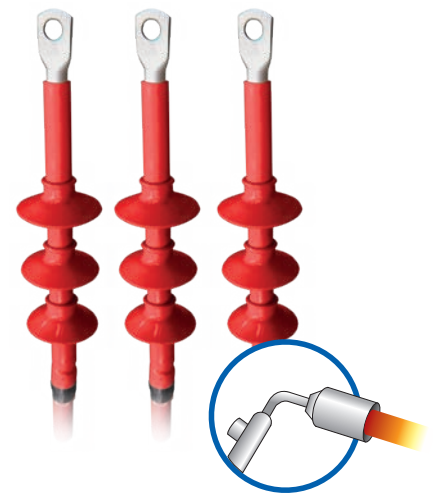
Product	Item	U <sub>max</sub> 12 kV	U <sub>max</sub> 17,5 kV	Thickness <b>FULL</b>	Thickness <b>LOW</b>	L (mm)
		sect. (mm <sup>2</sup> )	sect. (mm <sup>2</sup> )	U <sub>max</sub> 24 kV sect. (mm <sup>2</sup> )	U <sub>max</sub> 24 kV sect. (mm <sup>2</sup> )	
THVO 20/25-ARM	231049-TEC	25 - 95	25 - 50	25 - 50	25 - 120	800
THVO 20/240-ARM	255100-TEC	120 - 300	70 - 300	70 - 240	95 - 300	
THVO 20/630-ARM	792762-000	400 - 800	400 - 800	240 - 630	240 - 630	

For U<sub>max</sub> cables  
**36 kV**

Product	Item	Voltage U <sub>max</sub> (kV)	Conductor cross section (mm <sup>2</sup> )	L (mm)
THVO 30/95-ARM	THVO30/95-ARM	36	35 - 95	1020
THVO 30/185-ARM	THVO30/185-ARM		120 - 185	
THVO 30/500-ARM	THVO30/500-ARM		240 - 500	

## ★ ADVANTAGES

- Immediately energizable
- Quick in installation
- Simple and reliable they do not require a special skilling
- Optimal distribution of the electric field
- Can be installed in all environmental conditions
- No shelf life



### Electrical performance:

CEI 20-24 • CEI 20-62/1 • HD 629-1

### Kit composition:

Three single core terminations

Extruded cable, wire or tape  
screened, aluminium wire  
armoured

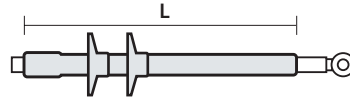
Extruded cable, wire or tape  
screened, aluminium tape  
armoured

For complementary accessories see page 157

# HEAT-SHRINK TERMINATIONS FOR OUTDOOR USE FOR NON ARMoured CABLES

Terminations for **SINGLE CORE** extruded cables up to **36 kV**.

For cables (A)RG16HIR12 and (A)RG7HIR insulation thickness **FULL**



Product	Item	Voltage U <sub>max</sub> (kV)	Conductor cross section (mm <sup>2</sup> )	L (mm)
THVE 6/120-E	THVE6/120-E	7,2	25 - 120	340
THVE 6/400-E	164000-000		150 - 400	
THVE 6/630-E	606630-TEC		500 - 630	
THVE 15/50-E	120036-TEC	12	25 - 95	450
THVE 15/300-E	206772-000		120 - 300	
THVE 15/800-E	125336-TEC		400 - 630	
THVE 15/50-E	120036-TEC	17,5	25 - 50	450
THVE 15/300-E	206772-000		70 - 300	
THVE 15/800-E	125336-TEC		400 - 800	
THVE 20/25-E	231047-TEC	24	25 - 50	520
THVE 20/240-E	255098-TEC		70 - 240	
THVE 20/630-E	792760-000		240 - 630	
THVE 30/95-E	900926-000	36	35 - 95	720
THVE 30/185-E	120057-TEC		120 - 185	
THVE 30/500-E	372083-000		240 - 500	

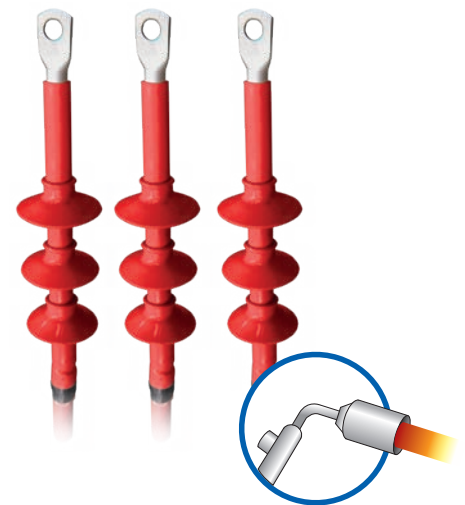
For shielded aluminium tube cables, add terminal abbreviation **H5**.

For cables RG7H1M1 Afumex insulation thickness **LOW**

Product	Item	Voltage U <sub>max</sub> (kV)	Conductor cross section (mm <sup>2</sup> )	L (mm)
THVE 20/25-E	231047-TEC	24	25 - 120	520
THVE 20/240-E	255098-TEC		95 - 300	
THVE 20/630-E	792760-000		240 - 630	
THVE 30/95-E	900926-000	36	50 - 185	720
THVE 30/185-E	120057-TEC		120 - 240	
THVE 30/500-E	372083-000		240 - 630	

## ★ ADVANTAGES

- Immediately energizable
- Quick in installation
- Simple and reliable they do not require a special skilling
- Optimal distribution of the electric field
- Can be installed in all environmental conditions
- No shelf life



### Electrical performance:

CEI 20-24 • CEI 20-62/1 • HD 629-1

### Kit composition:

Three single core terminations

### RANGES OF APPLICATION

For single core cables type:



Extruded cable, copper wire screen



Extruded cable, copper tape screen



Extruded cable, aluminium tube screen

### TEMPERATURES



**105°C**

Working temperature



**140°C**

Max overload temperature



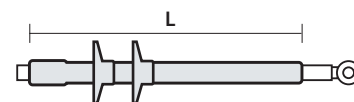
**300°C**

Short circuit temperature

For complementary accessories see page 157

The heat shrink terminations for cables in accordance with CPR, type RG26H1M16 (Italian designation), are suitable for

- Cables with copper conductors
- Special thermoplastic sheath
- Red copper wire screen
- High modulus rubber insulation



**For cables CPR RG26H1M16 12/20 kV (U<sub>max</sub> 24 kV)**

Product Item	Voltage U <sub>max</sub> (kV)	∅ on insulation (mm)	∅ on external sheath (mm)	Conductor cross section (mm <sup>2</sup> )	L (mm)
<b>THVE 20/25-E</b> 231047-TEC	24	17	26	25	520
		17	27	35	
<b>THVE 20/240-E</b> 255098-TEC	24	18	28	50	520
		19	29	70	
		20,6	30	95	
		22	32	120	
		23,7	34	150	
<b>THVE 20/630-E</b> 792760-000	24	25	36	185	520
		27,8	39	240	
		30,8	43	300	
		33	46	400	
		37	49	500	
		40	51	630	

**For cables CPR RG26H1M16 18/30 kV (U<sub>max</sub> 36 kV)**

Product Item	Voltage U <sub>max</sub> (kV)	∅ on insulation (mm)	∅ on external sheath (mm)	Conductor cross section (mm <sup>2</sup> )	L (mm)
<b>THVE 30/185-E</b> 120057-TEC	36	25,6	32	35	720
		25	35	50	
		25	36	70	
		26	37	95	
		27	38	120	
		28,2	39	150	
<b>THVE 30/500-E</b> 372083-000	36	29,2	41	185	720
		31,5	43	240	
		34,4	46	300	
<b>THVE 30/1000-E</b> 407002-000	36	37	48	400	720
		41	52	500	
		45	55	630	