

HEAT-SHRINK TERMINATIONS FOR INDOOR USE FOR ARMoured CABLES

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



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, wire or tape screened, aluminium wire armoured

Extruded cable, wire or tape screened, aluminium tape armoured

For cables armoured with wires or aluminium tape

For Umax cables

7,2 kV

Product	Item	Voltage Umax (kV)	Conductor cross section (mm ²)	L (mm)
THVI 6/O-ARM	THVI6/O-ARM	7,2	25 - 70	460
THVI 6/A-ARM	THVI6/A-ARM		95 - 120	
THVI 6/B-ARM	THVI6/B-ARM		150 - 400	
THVI 6/C-ARM	THVI6/C-ARM		500 - 630	

For Umax cables from **12 to 24 kV**

Product	Item	Umax 12 kV sect. (mm ²)	Umax 17,5 kV sect. (mm ²)	Thickness FULL Umax 24 kV sect. (mm ²)	Thickness LOW Umax 24 kV sect. (mm ²)	L (mm)
THVI 20/A-ARM	507698-002	25 - 95	25 - 50	25 - 50	25 - 120	600
THVI 20/B-ARM	190360-002	120 - 300	70 - 300	70 - 240	95 - 300	
THVI 20/C-ARM	485361-002	400 - 800	400 - 800	240 - 630	240 - 630	

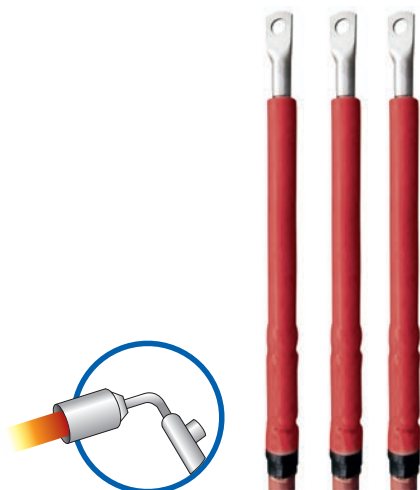
For Umax cables

36 kV

Product	Item	Voltage Umax (kV)	Conductor cross section (mm ²)	L (mm)
THVI 30/A-ARM	THVI30/A-ARM	36	35 - 95	730
THVI 30/B-ARM	THVI30/B-ARM		120 - 185	
THVI 30/C-ARM	THVI30/C-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

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

HEAT-SHRINK TERMINATIONS FOR INDOOR USE FOR NON ARMOURED CABLES

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



For cables

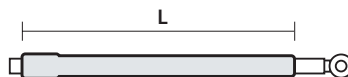
(A)RG16HIR12 and **(A)RG7HIR** insulation thickness **FULL**

Product	Item	Voltage Umax (kV)	Conductor cross section (mm ²)	L (mm)
THVE 6/A-RC	369608-000	7,2	25 - 120	210
THVE 6/B-RC	034189-000		150 - 400	
THVE 6/C-RC	882065-000		500 - 630	
THVE 15/A-RC	906848-000	12	25 - 95	320
THVE 15/B-RC	500365-000		120 - 300	
THVE 15/C-RC	068756-000		400 - 630	
THVE 15/A-RC	906848-000	17,5	25 - 50	320
THVE 15/B-RC	500365-000		70 - 300	
THVE 15/C-RC	068756-000		400 - 800	
THVE 20/A-RC	507698-000	24	25 - 50	320
THVE 20/B-RC	190360-000		70 - 240	
THVE 20/C-RC	485361-000		240 - 630	
THVE 30/A-RC	454523-000	36	35 - 95	430
THVE 30/B-RC	308359-000		120 - 185	
THVE 30/C-RC	651264-000		240 - 500	

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

For cables RG7H1M1 Afumex insulation thickness LOW

Product	Item	Voltage Umax (kV)	Conductor cross section (mm ²)	L (mm)
THVE 20/A-RC	507698-000	24	25 - 120	320
THVE 20/B-RC	190360-000		95 - 300	
THVE 20/C-RC	485361-000		240 - 630	
THVE 30/A-RC	454523-000	36	50 - 185	430
THVE 30/B-RC	308359-000		120 - 240	
THVE 30/C-RC	651264-000		240 - 630	



For cables CPR RG26H1M16 12/20 kV (U_{max} 24 kV)

Product Item	Nominal voltage U _{max} (kV)	∅ on insulation (mm)	∅ on external sheath (mm)	Conductor cross section (mm ²)	L (mm)
THVE 20/A-RC 507698-000	24	17	26	25	320
		17	27	35	
THVE 20/B-RC 190360-000	24	18	28	50	320
		19	29	70	
		20,6	30	95	
		22	32	120	
		23,7	34	150	
THVE 20/C-RC 485361-000	24	25	36	185	320
		27,8	39	240	
		30,8	43	300	
		33	46	400	
		37	49	500	
		40	51	630	

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 18/30 kV (U_{max} 36 kV)

Product Item	Nominal voltage U _{max} (kV)	∅ on insulation (mm)	∅ on external sheath (mm)	Conductor cross section (mm ²)	L (mm)
THVE 30/B-RC 308359-000	36	25,6	32	35	430
		25	35	50	
		25	36	70	
		26	37	95	
		27	38	120	
		28,2	39	150	
		29,2	41	185	
THVE 30/C-RC 651264-000	36	31,5	43	240	430
		34,4	46	300	
		37	48	400	
THVE 30/D-RC 700320-000	36	41	52	500	430
		45	55	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