

TS

Medium Voltage

joinable deadbreak

separable terminations

for single-core cables

up to 24 kV

TECHNICAL SPECIFICATIONS

TYPICAL VALUES

maximum voltage U_m	24 kV
current rating	630 A
lightning impulse resistance	125 kV
partial discharge at $2U_0$	< 6 pC
AC resistance test (5 min)	57 kV
DC resistance test (15 min)	76 kV

Applications

- Connecting extruded MV cables to electrical equipment with conical bushing feedthrough insulator compliant with CEI EN 50180-50181 standard
- **TS-CA terminations connect to the rear of TS series terminations**
- For indoor and outdoor installation
- For copper and aluminium conductors

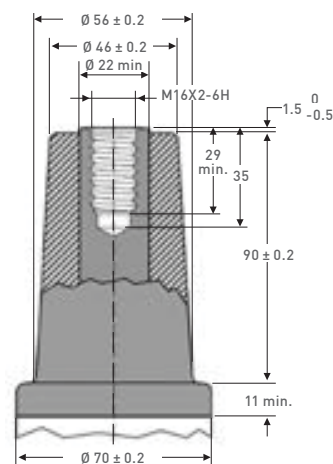
Features

- Cross-linked EPDM unibody with semi-conductive shielding coating
- Type C interface
- Compliant with VDE 0278, IEC 502-4, and EDF HN 52-S-61 standards

Versions for cables up to 36 kV available on request

Type C interface

630 A





TS

Joinable T-body separable terminations kit

Deadbreak - Max current 630 A

Single-core MV cables up to 24 kV

Kit contents

Kit of **three single-core** terminations, each comprising:

- termination housing
- cable lug and contact plug
- sealing mastic
- self-amalgamating tape
- lubricant
- insulated earthing wire
- fixing system

Mounting accessories

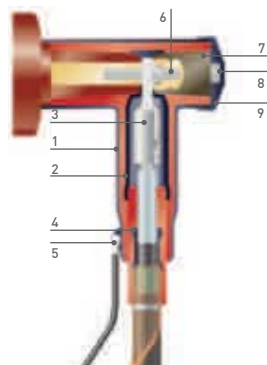
Assembly instructions

Selection table

item	Conductor cross-section (mm ²)	Cable insulation diameter min – max (mm)
TS630-24/25	25	16.3 – 19.3
TS630-24/35	35	
TS630-24/50	50	
TS630-24/70	70	18.3 – 21.0
TS630-24/95	95	20.0 – 24.1
TS630-24/120	120	
TS630-24/150	150	23.1 – 27.0
TS630-24/185	185	
TS630-24/240	240	24.9 – 28.9
TS630-24/300	300	27.7 – 32.6

Structural details

1. Shielded insulating body
2. Internal shield
3. Compression cable lug
4. Electric field control cone
5. Earthing eye
6. Threaded pin
7. Socket with test-point
8. Capacitive test point
9. Conduction cap



TS-CA

Joinable elbow separable terminations kit

Deadbreak - Max current 630 A

Single-core MV cables up to 24 kV

Kit contents

Kit of **three single-core** terminations, each comprising:

- termination housing
- cable lug and contact plug
- sealing mastic
- self-amalgamating tape
- lubricant
- insulated earthing wire
- fixing system
- joining element

Mounting accessories

Assembly instructions

Selection table

item	Conductor cross-section (mm ²)	Cable insulation diameter min – max (mm)
TS-CA630-24/25	25	16.3 – 19.3
TS-CA630-24/35	35	
TS-CA630-24/50	50	
TS-CA630-24/70	70	18.3 – 21.0
TS-CA630-24/95	95	20.0 – 24.1
TS-CA630-24/120	120	
TS-CA630-24/150	150	23.1 – 27.0
TS-CA630-24/185	185	
TS-CA630-24/240	240	24.9 – 28.9
TS-CA630-24/300	300	27.7 – 32.6

Structural details

1. Shielded insulating body
2. Internal shield
3. Compression cable lug
4. Electric field control cone
5. Earthing eye
6. Threaded pin
7. Socket with test-point
8. Capacitive test point
9. Conduction cap

