

JAMT

Cold shrink joints for Medium Voltage

A Medium Voltage (MV) cable joint allows connection of single-core cables with an operating voltage of up to 36 kV and extruded insulation.

It consists of:

- a metal joint to connect the conductors;
- a double-layer insulating silicone body for electric field control;
- copper braid to restore the shielding;
- external silicone coating body for electrical and mechanical protection.

JAMT kits include:

- a metal connector with shear head bolts;
- silicone rubber sealant and filler tape for filling empty spaces, electric field control and protection of metallic elements from moisture;
- liquid silicone lubricant to facilitate installation on the cables;
- a cold shrink silicone rubber body with both electric field control and non-marking functions; it is supplied pre-expanded on an unwindable plastic spiral tube, to be removed during cable installation;
- a tin-plated copper braid sleeve to restore the shielding;
- a cold shrink body with high mechanical strength to ensure that the joint is completely sealed and mechanically protected; it is supplied pre-expanded on an unwindable plastic spiral tube, to be removed during cable installation.

JAMT kits are available for installation on single-core cables with a maximum voltage U_m of up to 36 kV.

Advantages

- quick installation
- covers a wide range of cross-sections with a single product
- installation without heat, flames, or special tools
- reliability for installation in harsh environments
- less bulky
- compact design
- line immediately operational
- suitable for all installation conditions (underground, overhead, under water)
- reduced labour costs
- reduced storage costs
- no expiry date

Kit choice factors

- Choose the most suitable termination type according to:
- type of cable to be connected, identified by its code;
- cable insulation level;
- cable cross-section.

Specifications

The **JAMT** kits comply with the international CENELEC HD 629.1 S2 standard.



JAMT-1X

Cold shrink joint kit
for MV single-core cables up to 36 kV
with extruded insulation

Applications

Joining of MV single-core cables with extruded insulation type

(A)RG5H1R, (A)RG7H1R, (A)RG7H1M1,
(A)RE4H1E-R

Kit contents

Kit for **one single-core** joint comprising:

- cold shrink silicone rubber body
- cold shrink body for external joint sealing
- **metal connector** with shear head bolts
- silicone rubber sealant and filler tape
- liquid silicone lubricant
- tin-plated copper braid
- assembly instructions

Compliant with the international CENELEC HD 629.1 S2 standard

Selection table

item	Diameter on insulator min – max (mm)	Rated voltage U_0/U (kV)	Conductor cross-section min – max (mm ²)	Joint length (mm)
Joints up to 24 kV				
JAMT-24/95-1X	14 – 25	12/20	25 – 95	600
JAMT-24/240-1X	19 – 40		70 – 240	600
Joints up to 36 kV				
JAMT-36/95-1X	14 – 25	18/30	25 – 95	600
JAMT-36/240-1X	19 – 40		70 – 240	600



JAMT-1XM

Monobloc cold shrink joint kit
for MV single-core cables up to 36 kV
with extruded insulation

Applications

Joining of MV single-core cables with extruded insulation type

(A)RG5H1R, (A)RG7H1R, (A)RG7H1M1, (A)RE4H1-R(X),
(A)RP1H5EX, (A)RE4H5EX (-H5 version)

Kit contents

Kit for **one single-core** joint comprising:

- cold shrink silicone rubber body
- **integrated** cold shrink body for external joint sealing
- **metal connector** with shear head bolts
- silicone rubber sealant and filler tape
- liquid silicone lubricant
- **integrated** tin-plated copper braid
- assembly instructions
- **metal grater** for earth connection of tube shielding on (A)RE4H5EX cables (-H5 versions)

Compliant with the international CENELEC HD 629.1 S2 standard

Selection table

item	Diameter on insulator min – max (mm)	Rated voltage U_0/U (kV)	Conductor cross-section min – max (mm ²)	Joint length (mm)
Joints up to 24 kV				
JAMT-24/240-1XM	19 – 40	12/20	70 – 240	450
JAMT-24/240-1XM-H5	19 – 40	12/20	70 – 240	450
Joints up to 36 kV				
JAMT-36/240-1XM	19 – 40	18/30	70 – 240	450
JAMT-36/240-1XM-H5	19 – 40	18/30	70 – 240	450