

11-22kV THREE CORE ARMoured JOINT

17JTS3 K - 24JTS3 K

HEAT-SHRINKABLE MV STRAIGHT JOINTS FOR ARMoured THREE CORE POLYMERIC CABLES WITH COPPER WIRE SCREEN

Up to U_{max} 24 kV

APPLICATION

17-24JTS3 CW heat-shrinkable straight joints are designed for armoured, plastic insulated cables with Cu wire screen, supplied with mechanical connectors.

TECHNICAL CHARACTERISTICS AND DESIGN

17-24JTS is the **NEW** high performance, compact and easy to install joint. A single body with all the electrical functions integrated!

The Nexans "TRIPLE GT125" conductive tube, which can withstand high voltage applications up to 24kV.

A double layer pad with conductive rubber inside and HK orange mastic outside ensures a Faraday cage and smooth the effect of the electrical field and of the voltage gradient in the connector area.

The electrical continuity of the screen is ensured with a standard metallic tape plus mechanical screen connectors.

The outer sheath is restored with heavy/medium wall adhesive lined tubing.

All Connectors supplied are "Nexans GPH" mechanical connectors.

Um	Type	Order Code	Section range	Length L
kV			mm ²	mm
12	17JTS3.95K+M16.95 CW	IT7938	25-95	1200
12	17JTS3.240K+M70.240 CW	IT7939	70-240	1200
12	17JTS3.300K+M95.300 CW	IT7940	95-300	1400
12	17JTS3.400K+M185.400 CW	IT7941	185-400	1400
24	24JTS3.95K+M16.95 CW	IT7942	25-95	1200
24	24JTS3.240K+M70.240 CW	IT7943	70-240	1400
24	24JTS3.300K+M95.300 CW	IT7949	95-300	1400
24	24JTS3.400K+M185.400 CW	IT7950	185-400	1600

-**17JTS** type tested with BIL at 95 kV, PD at 2U_o (≤ 10 pC)

-**24JTS** type tested with BIL at 150 kV, PD at 2U_o (≤ 10 pC)



SPECIFICATIONS AND STANDARDS

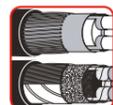
CENELEC HD 629.1
IEC 60502-4



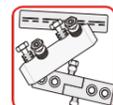
For other cable types please contact our sales office.



Please contact our sales office when inquiring joints for same type cables with different sections.



Various earth connection design solutions exist for armoring. For exact details contact our sales office



Design accommodates various connector/ferrule types.

33kV THREE CORE ARMoured JOINT

36JTS3 K

HEAT-SHRINKABLE MV STRAIGHT JOINTS FOR ARMoured THREE CORE POLYMERIC CABLES WITH COPPER WIRE SCREEN

Up to U_{max} 42 kV

APPLICATION

36JTS3 CW heat-shrinkable straight joints are designed for armoured, plastic insulated cables with Cu wire screen, supplied with supplied with mechanical connectors.

TECHNICAL CHARACTERISTICS AND DESIGN

36JTS is the **NEW** high performance, compact and easy to install joint. This Design uses double bodies with all the electrical functions integrated!

The Nexans **36JTS** is an integrated coextruded "stress control field + insulating" nested in a coextruded "insulating + conductive" tube, which can withstand high voltage applications up to 42kV

A double layer pad with conductive rubber inside and HK orange mastic outside ensure a Faraday cage and smooth the effect of the electrical field and of the voltage gradient in the connector area.

The electrical continuity of the screen is ensured with a standard metallic tape plus mechanical screen connectors.

The outer sheath is restored with heavy/medium wall adhesive lined tubing. All Connectors supplied are "Nexans GPH" mechanical connectors.

Um	Type	Order Code	Section range	Length L
kV			mm ²	mm
36	36JTS3.95K+M16.95 CW	IT7951	25-95	1400
36	36JTS3.240K+M70.240 CW	IT7952	70-240	1600
36	36JTS3.300K+M95.300 CW	IT7954	95-300	1600
36	36JTS3.400K+M185.400 CW	IT7955	185-400	1800

-**36JTS** type tested with BIL at 200 kV



SPECIFICATIONS AND STANDARDS

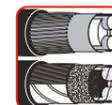
CENELEC HD 629.1 S3
IEC 60502-4



For other cable types please contact our sales office.



Please contact our sales office when inquiring joints for same type cables with different sections.



Various earth connection design solutions exist for armoring. For exact details contact our sales office



Design accommodates various connector/ferrule types.