

# 11-22kV THREE CORE STRAIGHT JOINT

## 17JTS3 CW - 24JTS3 CW

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

Up to U<sub>max</sub> 24 kV

### APPLICATION

**17-24JTS1 CW** heat-shrinkable straight joints are designed for unarmoured, 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 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 <sup>2</sup>	mm
12	17JTS3.95+M16.95 CW	IT7678	25-95	1200
12	17JTS3.240+M70.240 CW	IT7679	70-240	1200
12	17JTS3.300+M95.300 CW	IT7680	95-300	1400
12	17JTS3.400+M185.400 CW	IT7681	185-400	1400
12	17JTS3.500+M400.630 CW	IT8211	500	1400
24	24JTS3.95+M16.95 CW	IT7683	25-95	1200
24	24JTS3.240+M70.240 CW	IT7684	70-240	1400
24	24JTS3.300+M95.300 CW	IT7685	95-300	1400
24	24JTS3.400+M185.400 CW	IT7686	185-400	1600
24	24JTS3.500+M400.630 CW	IT8212	500*	1600

\*For cross sections 500 mm<sup>2</sup> the double dual wall system is used.

-**17JTS** type tested with BIL at 95 kV, PD at 2U<sub>o</sub> (≤ 10 pC)

-**24JTS** type tested with BIL at 150 kV, PD at 2U<sub>o</sub> (≤ 10 pC)



### SPECIFICATIONS AND STANDARDS

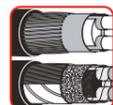
CENELEC HD 629.1  
IEC 60502-4



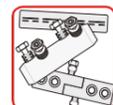
For other cable types please contact our sales office.



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 STRAIGHT JOINT

## 36JTS3 CW

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

Up to U<sub>max</sub> 42 kV

### APPLICATION

**36JTS3 CW** heat-shrinkable straight joints are designed for unarmoured, plastic insulated cables with Cu wire screen, 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 <sup>2</sup>	mm
36	36JTS3.95+M16.95 CW	IT7978	50-95	1400
36	36JTS3.240+M70.240 CW	IT7979	70-240	1600
36	36JTS3.300+M95.300 CW	IT7980	95-300	1600
36	36JTS3.400+M185.400 CW	IT7981	185-400	1800
36	36JTS3.500+M400.630 CW	IT8213	500	2000

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



### SPECIFICATIONS AND STANDARDS

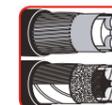
CENELEC HD 629.1  
IEC 60502-4



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.

