

# Joint 12/24JTS1

## Heatshrink single core joint TSLE-TSLF 12/24kV

JTS1 is a heatshrink joint for plastic-insulated cables without reinforcement. The joint is supplied with mechanical ferrules (GPH).

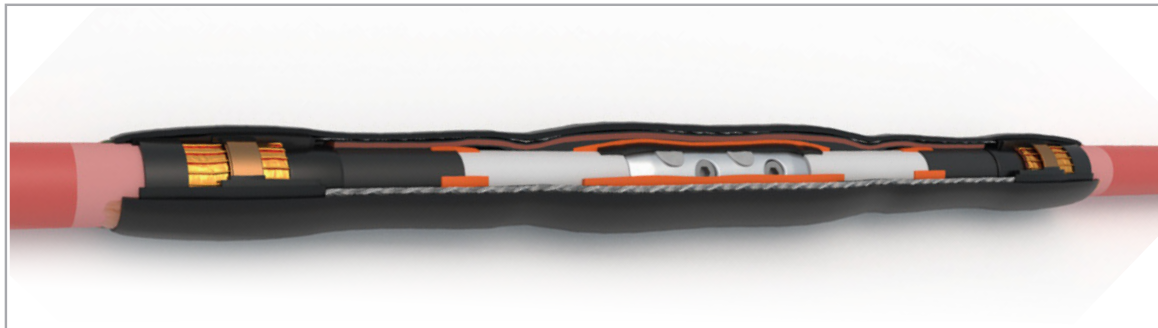
The JTS series consists of compact and easily assembled joints. A simple body with all the electrical functions are integrated. Nexan's "Triple GT125" has a integrated stress control layer, as well as insulation and conductive layer, which withstands high voltage applications up to 24kV and up to 400mm<sup>2</sup>. From 400 up to 1000mm<sup>2</sup>, two duall-walled sleeves are used.

A two-layer mastic plate with conductive rubber on the inside and orange mastic on the outside creates a Faraday cage and smooths out the effect of the surrounding electric field of the contact area.

The electrical continuity of the screen (Cu mesh or Cu strip) is secured with Cu-mesh and spring clamps.

If extra mechanical protection is desired, a wrap-around sleeve with Al-laminate must be ordered separately.

JTS1 meets the requirements of CENELEC HD 629.1 and IEC 60502-4.



El.no	Title	Cross section mm <sup>2</sup>		Dia. core insulation (mm)		Length L (mm)	Ferrule
		min.	max.	min.	max.		
11 462 19	VKM24JTS1.95	25	95	18	28	600	GPH
11 462 20	VKM24JTS1.240	95	240	20	36	600	GPH
11 462 21	VKM24JTS1.400	185	400	24	40	750	GPH
11 462 22	VKM24JTS1.630	400	630	30	46	1000	GPH
11 462 23	VKM24JTS1.1000	630	1000	36	56	1000	GPH