

# LTK line

LTK disconnectors combine the heavy duty and well known technology of Microelettrica Scientifica on the high power circuit together with the most advanced technology on the control circuit. This results in a compact and versatile solution for applications where high voltages (up to 4 kV) and thermal currents are required.

A unique design allows to minimize the overall dimensions while keeping long creepage and clearance distances that guarantee safety in polluted environments.

## Applications

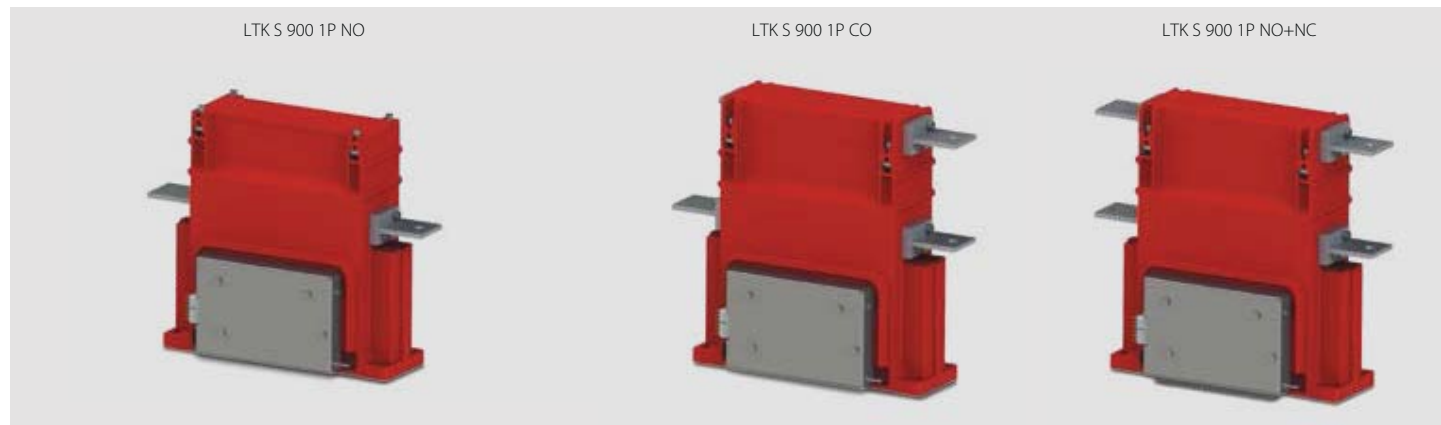
Traction circuit configuration change in multi-system vehicles

Insulation of power converter

Insulation of traction motors

## GENERAL CHARACTERISTIC

- Heavy-duty disconnectors for DC and AC applications up to 4000 V
- Innovative design, compact and versatile
- For on-board and stationary applications, with thermal current rating of up to 900 A per pole
- Normally open, normally closed, change over poles
- 1-pole and 2-pole disconnectors with single actuation system
- Highly customizable



The concept of extreme integration, on which LTK disconnectors are based, resulted in a design without any LV cabling (except for the LV connector).

The control system allows to operate the disconnectors with virtually all LV ratings used in railway applications.

The LTK is available in 1 or 2 poles configuration and poles can be easily coupled side by side thanks to a modular approach.

**The LTK line is protected by International PATENT.**

LTK	I <sub>th</sub> [A]	U <sub>max</sub> [V <sub>ac</sub> ]	Pole configuration	W [mm]	H [mm]	D [mm]
LTK S 900 1P	900	4400	NO Pole/M Version	121	285	360
			CO Pole/Y Version	121	310	360
			NO+NC Pole/H Version	121	310	350
LTK E 900 1P	900	4400	NO Pole/M Version	121	285	320
			CO Pole/Y Version	121	310	320
LTK S 900 2P	900	4400	NO Pole/M Version	215	330	370
			CO Pole/Y Version	215	330	370
			NO+NC Pole/H Version	215	330	370
LTK E 900 2P	900	4400	NO Pole/M Version	215	330	370
			CO Pole/Y Version	215	330	370