

Switches

LTX line



General Characteristics

Contactors suitable for DC and AC applications. Blow out circuit type is an indirect blow out coil and permanent magnet.

The contactor is operated by electromagnet and is composed of three main parts:

- High voltage Main circuit case
- Arc chute
- Low voltage Actuation group

The line is composed of:

- 2 different bodies:
 - Up to 900 A
 - Up to 1800 A
- 1, 2 and 3 poles contactors
- Both Normally open and Normally closed pole
- 3 terminals arrangement:
 - S-Terminals
 - E-Terminals
 - B-Terminals
- 4 different arc chute:
 - Up to 900Vdc
 - Up to 1800Vdc
 - Up to 3600Vdc
 - Up to 4000Vdc

Designed in order to improve the insulation level with the following features:

- Non metallic parts used to release the contactor have a Comparative Tracking Index (CTI) greater or equal to 600
- Air clearance 40 mm
- Air clearance between open contacts 70mm
- Creepage distance 80 mm

Range Definition								
4 Voltage ranges	1000V		2000V		3000V		4000V	
6 current ranges	400A	600A		900A	1200A	1500A		1800A
3 poles versions	1-pole			2-pole		3-pole		
3 terminal arrangements	S-terminals (opposite side)			E-terminals (same side)		B-terminals (same bottom/back side)		
2 poles types	NO Pole				NC Pole			

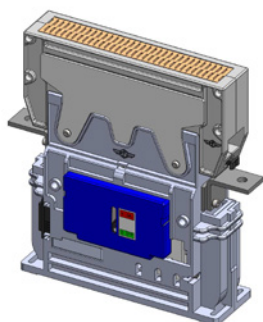


Microelettrica Scientifica

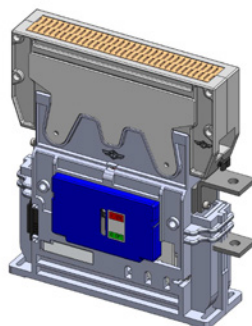
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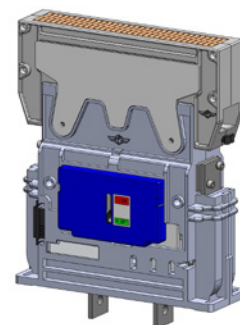
LTX Line catalogue features: poles version



S-terminal (opposite side)

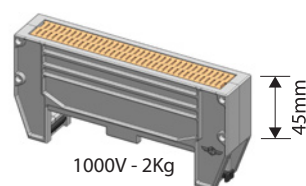
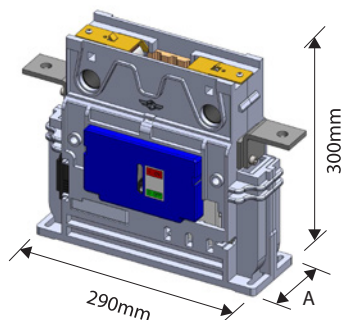
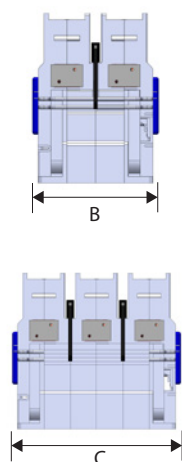


E-terminal (same side)

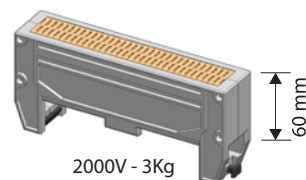


B-terminal (same bottom / back side)

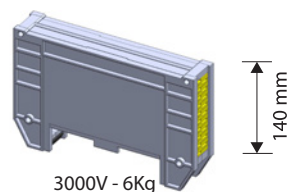
Body versions:



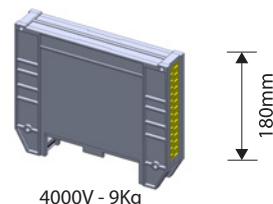
1000V - 2Kg



2000V - 3Kg



3000V - 6Kg



4000V - 9Kg

	A [mm]	B [mm]	C [mm]
900A	113	209	293
1800A	143	263	383