

LTC line

The LTC Series contactors, thanks to their excellent balance between dimensions, performances and robustness, are suitable for all those switchgear applications which demand a small, smart device.

Their design encourages applications where high operating frequencies and small available spaces are important requirements. Like all Microelettrica Scientifica contactors, the LTC Series is based on a standard concept, but a very high level of customization can be achieved by replacing a few key components. Normally open and normally closed poles can be fitted, as well as mechanical latching.

The breaking circuit is equipped with permanent magnets or indirect arc blow out coil to work efficiently both with high and low currents.

The DC control coil operates without economy resistor within a wide working range. A "varistor" cuts off the peak voltage when the coil is de-energized.

More than 20000 LTC contactors are delivered every year for the most demanding projects and applications worldwide.

Applications

Railway substations

Industry contactors

Filter pre-charging

Motors on-load disconnections

Electromagnetic brake control

Heating/air conditioning systems

Renewable energy



GENERAL CHARACTERISTICS

The most compact and modern heavy duty line

Designed for switchgear applications according to IEC 61992-60947

Ratings up to 4000 V_{DC/AC} and up to 1000 A/pole application

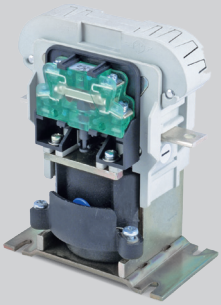
Permanent magnet or indirect arc blowout systems available according specific application requirements

Multi-pole combination up to 4 NO or NC poles

Very high level of customization available

Suitable for OV3, PD3 systems

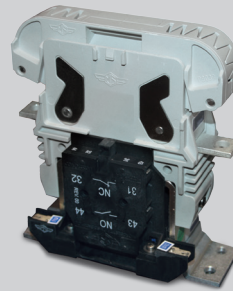
LTC 100



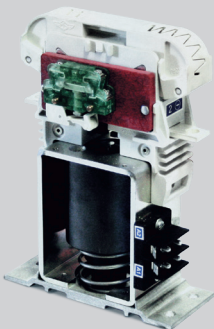
LTC 100 NC



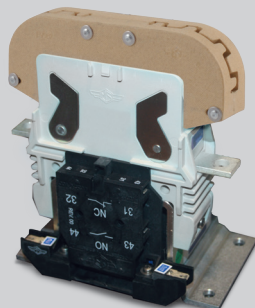
LTCS 250



LTC 250 NC



LTCH 250



LTCH 60



LTCH 1000



Type	U _{max} [V _{AC/DC}]	I _{th} [A]	W [mm]	H [mm]	D [mm]
LTC 100	1000	100	106	127.5	63
LTC 100 2 poles	1000	100/200	120	127	93
LTC 100 NC	1000	100	106	155	60
LTCS 250/300	2000	250	140	156.5	86
LTCS 250/300 2 poles	2000	250/500	140	156.5	109.2
LTCS 250/300 3 poles	2000	250	140	156.5	165.5
LTC 250/300 NC	2000	250	140	196	78
LTCH 250	2000	250	154	176	86
LTCH 60	4000	60	168	221	88
LTCH 60 2 poles	4000	60/120	168	221	125
LTCH 1000	2000	1000	385	300	93