

# Switches

## Contactors

### LTC line

#### Applications

Auxiliary converter input

Filter pre-charging

Electromagnetic brakes

Heating/Air conditioning systems

Line contactor

The LTC series contactors, thanks to their excellent balance between dimensions, performances and strength, are suitable for all those applications on board 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 are based on a standard concept, but a very high level of customisation can be achieved by replacing 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 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 deenergized.

More than 20.000 LTC contactors are delivered worldwide for every year the most important projects.

#### General Characteristics

- The modern and compact heavy duty line, up to 4000V<sub>DC/AC</sub> application, up to 1000A/pole
- On board and stationary application
- 1-2-3 pole configuration mostly available, NO and NC poles, permanent magnets or indirect arc blowouts
- Flexible control and auxiliary contacts options, customization possible



#### Auxiliary Contact Blocks Type rk11

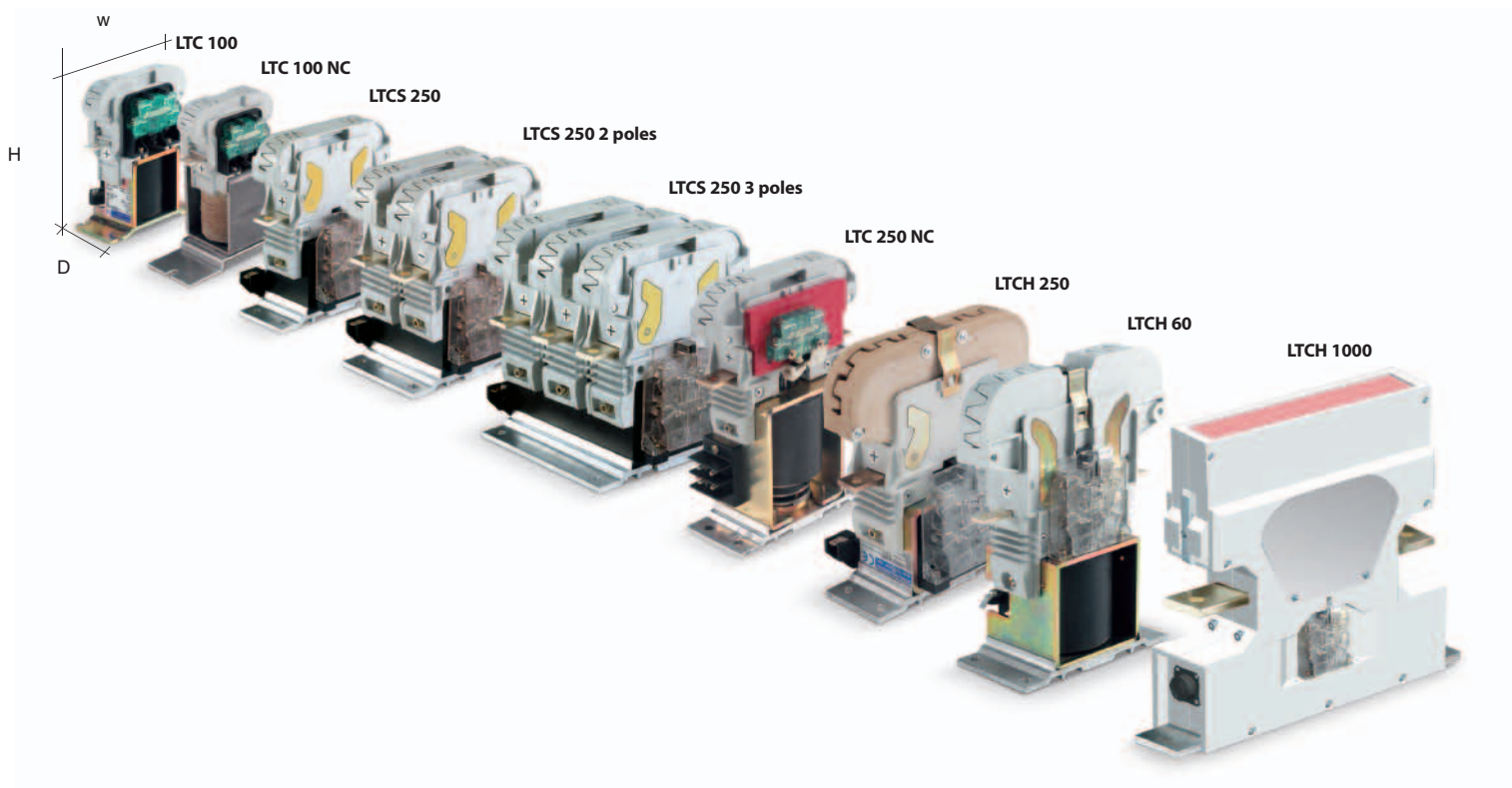
- Contacts based on Reed relay technology
- Sealed tips, not affected by harsh environmental conditions
- Shielding case from external magnetic fields
- Same mechanical interface of standard SK11 auxiliary blocks
- Power rating 10 VA



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Type	U <sub>max</sub> [V <sub>DC</sub> ]	I <sub>th</sub> [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	1000	250	140	156,5	86
LTCS 250 2 poles	2000	250/500	140	156,5	109
LTCS 250 3 poles	2000	250	140	156,5	154
LTC 250 NC	2000	250	140	196	78
LTCH 250	1000	250	154	176	86
LTCH 60	4000	60	168	220	88
LTCH 60 2 poles	4000	60/120	220	168	125
LTCH 1000	2000	1000	385	300	93



**KNORR-BREMSE**



*Microelettrica Scientifica*

Microelettrica Scientifica S.p.A. Via Alberelle, 56/58 20089 Rozzano - Italy  
 Tel: +39 02 575731 Fax: +39 02 57510940 - sales.contactors@microelettrica.com  
 www.microelettrica.com