

# LTNS line

### Applications

Transit and railway systems

Control of cranes

Rolling mills

Mining equipment

Renewable energy

Microelettrica Scientifica LTNS series have been developed to answer to the constantly increasing market need of reduced dimensions and weight, taking most of the huge know-how in designing and manufacturing of industrial bar mounted contactors.

These contactors have been designed starting from the N series electric arc management concept, grafted on the light and compact structure of a rail unit, developed around the control electromagnet.

The LTNS contactors, characterised by a nominal voltage of 750V, are available in a wide range of current ratings, from 80A up to 1300A (up to 3 poles). They can be configured in any combination of Normally Open or Normally Closed poles, with a common rating. They have been designed and tested according to the international standard IEC 60947-4-1 and are suitable for almost any industrial low voltage application, such as: cranes, rolling mills, electric energy production and transformation, photovoltaic panels, induction furnaces, galvanic treatments.

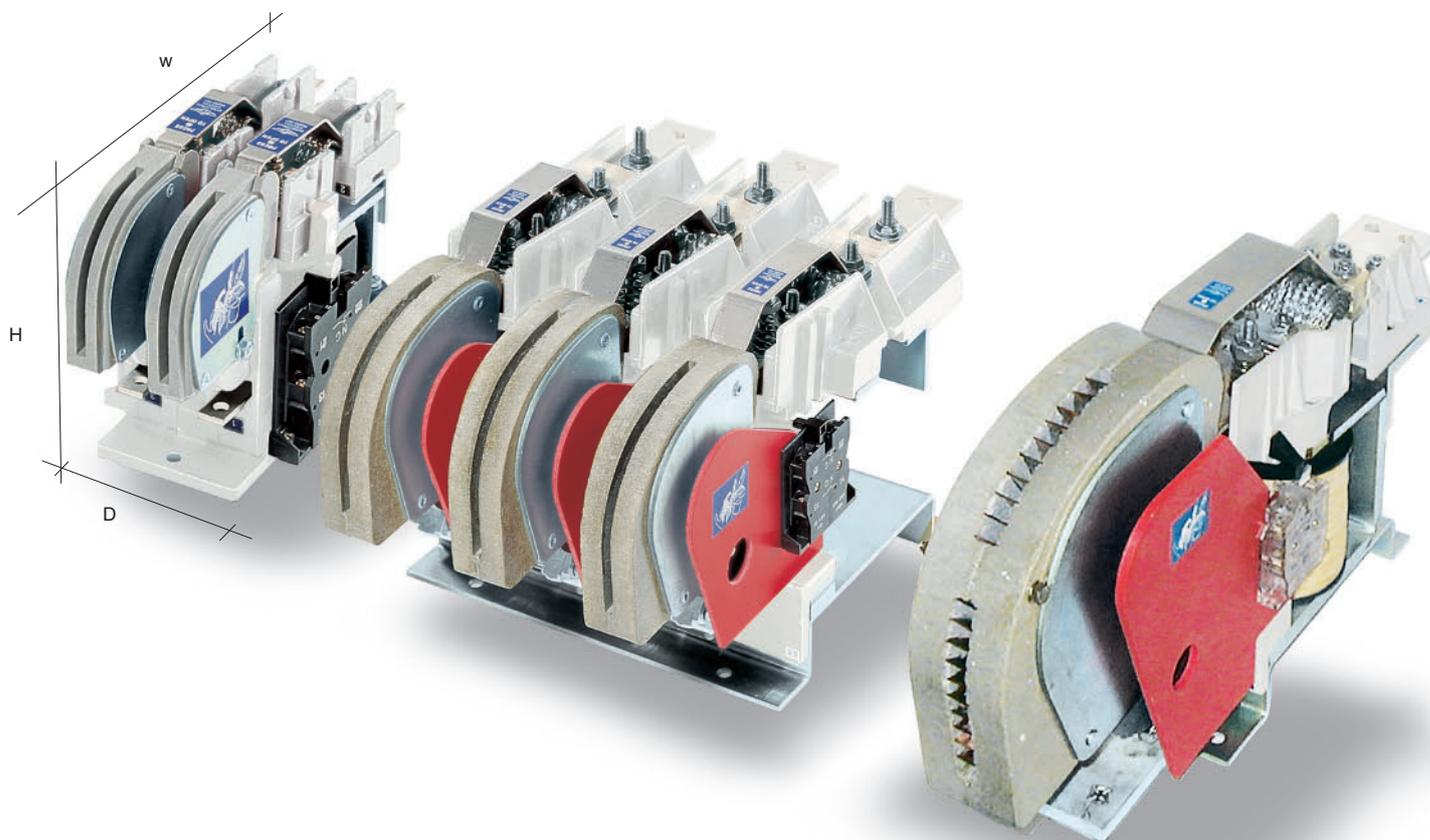
### General Characteristics

- The extra heavy duty flexible line, up to 1000V<sub>DC/AC</sub> application, up to 1500A/pole
- Stationary application only, derived from LTHS line
- 1-2-3 pole configuration, NO and NC poles indirect or direct arc blow out options available
- Flexible control and auxiliary contacts options, high unit customization possible



# Switches

## Contactors: LTNS line



Type	I <sub>th</sub> [A]	Rated Nominal Voltage U <sub>e</sub> [V]	Rated Insulation Voltage U <sub>i</sub> [V]	D1/D3 [mm] Length (1-3 poles)	W [mm]	H [mm]
<b>LTNS 60</b>	80	600	750	72-130	193	138
<b>LTNS 125</b>	150	750	1000	86-169	260	185
<b>LTNS 320</b>	320	750	1000	105-277	350	260
<b>LTNS 450</b>	450	750	1000	105-277	360	260
<b>LTNS 650</b>	700	750	1000	105-277	405	280
<b>LTNS 800</b>	900	750	1000	105-277	405	280
<b>LTNS 1000</b>	1100	750	1000	125-340	459	350
<b>LTNS 1250</b>	1300	750	1000	125-340	459	350



**KNORR-BREMSE**



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