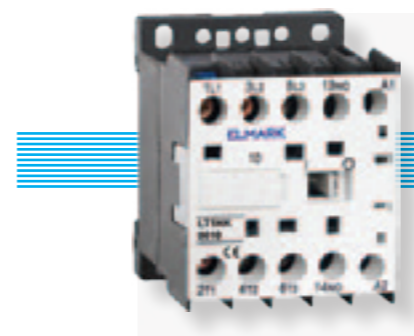


- BASE ①
- STATIC MAGNETIC CORE ②
- COIL ③
- REVERSE SPRING ④
- MOVABLE MAGNETIC CORE ⑤
- MOVABLE CONTACTS ⑥
- LID ⑦
- STATIC CONTACTS ⑧
- AUXILIARY CONTACT ⑨
- SCREWS ⑩
- TERMINAL PROTECTION CAPS ⑪



**Documents corresponding to the product:**  
Standard EN 60947-1; EN 60 947-4-1  
The products are in accordance with the directives of EC "Low voltage directives (LVD) no. 73/23 EEC" and "Electromagnetic Compatibility Directives (EMC) no. 89/336 EEC".



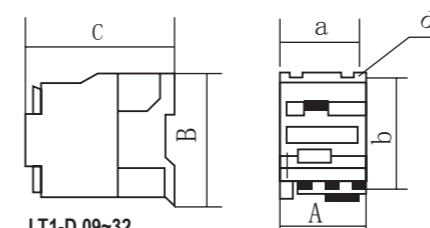
LT 1 D contactors are alternating current contactors for control of circuits and consumers operating in class AC3. It is suitable for consumers with rated current up to 95A. The contactors are offered in a type with 1 NO contact for operating circuit making and the models over 40A also have 1NC operating contactor.

**Functions:**

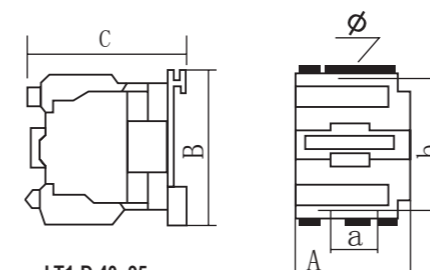
- switching on/off heavy-loaded electrical circuits at controlling signal to the coil
- making of control systems
- used as an operating element in process control panels
- remarkable with high reliability of current characteristics
- reliable separation of power contactors
- secured cover of the movable part of the contactor

**Technical data:**

- \* Operation class: AC 3
- \* Rated operating voltage of power contactors: up to 690V; 50/60Hz
- \* Composition of the power contact surfaces: unalloyed copper with coating 80% AgSnO
- \* Surge voltage wear resistance: >8000V
- \* Rated voltage of the coil: from 12 to 400V AC
- \* Coil material: pure copper type QA-1
- \* Magnetic core material: alloy steel type 360
- \* Moveable part material: Bakelite
- \* Limits of the controlling coil voltage: from 0.8 to 1.15 U<sub>c</sub>
- \* Joining terminal: screw terminal
- \* Connecting:
  - flexible conductors with or without cable terminal
  - rigid conductors
- \* Electrical wear resistance (number of cycles): ≥1000000
- \* Mechanical wear resistance (number of cycles): ≥10000000
- \* Number of cycles per hour: 1200 UP TO 32A; 600 for 40-95A
- \* Pole leaking power: up to 13W
- \* **Mounting:**
  - on DIN-rail or
  - with bolts to the surface
  - mounting position: vertical gradient – maximum ± 5°
- \* Plastic: wear resistance of UV rays and non-flammable (self-extinguishing material)
- \* Ambient temperature: -10°C + 60°C
- \* Altitude: up to 2000m



LT1-D 09-32  
LT1 - K



LT1-D 40-65

Type	Overall dimensions (mm)					
	a	b	Ø	A	B	C
LT-K 06-12	34/35	45	4.5	45	50	50
LT-D 09-12	34/35	50/60	4.5	47	70	82
LT1 D18	34/35	50/60	4.5	47	70	87
LT1 D25	40	48	4.5	57	80	95
LT1 D32	40	48	4.5	57	80	100
LT-D 40-65	40	100/110	6.5	77	126	116
LT-D 80-95	40	100/110	6.5	87	126	127