LT1 AC Contactor



EN 60 947-4-1 The breakers 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".



Type

number

LT1-D0910

auxiliary contact

1NO

Rated

capacity(kw)

380V

4

400V 415V 440V

4 4

660V

690V

5.5

closed

7

open

60

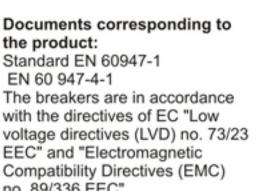
9А

1.7

220V

230V

2.2



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

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

- making of control systems used as an operating element in process control panels
- remarkable with high reliability of current characterstics
- reliable separation of power contactors

secured cover of the movable part of the contactor

- Technical Data * Operation class: AC3
- * 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 voltage: from 0.8 to 1.15 Uc
- * Joining terminal:screw terminal * Connecting:
- flexible conductors with or without cable terminal
- rigid conductors
- * Mechanical wear resistance (number of cycles):>=10000000
- * Number of cycles per hour:1200UP TO 32A;600 for 40-95A

- on DIN-rail or

* Pole leaking power:up to 13W

* Mounting:

mounting position:vertical gradient-maximun±50

* Electrical wear resistance (number of cycles):>=1000000

- with bolts to the surface

В

а

Ω

Ø

4.5

4.5

4.5

4.5

6.5

6.5

Cmax

82

87

95

100

116

127

Coil

voltage(V)

230

400

12

24

36

48

110

b

50/60

50/60

48

48

100/110

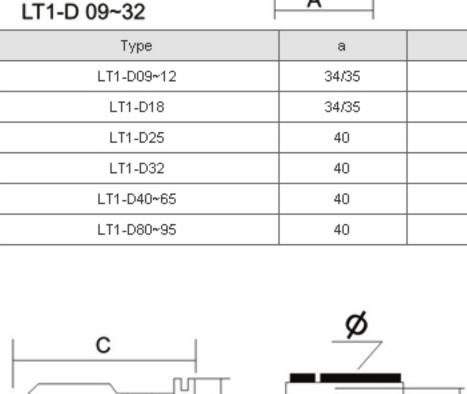
100/110

В

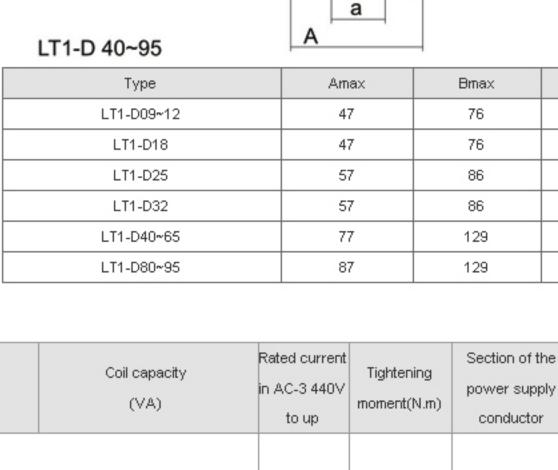
* Plastic: wear resistance of UV rays and non-flammable(self-extinguishing material)

* Ambient temperature: -10oC+60oC

* Altitude:up to 2000m



B



| 1NO | 2.2 | 4 | 4 | 4 | 5.5 | 7 | 60 | | | | 36 |
|---|----------------------|----------------------|-------------|-------------|----------------------|---------------|-------------|-------|-----|----|----------|
| | | | | | | | | | | | 48 |
| | | | | | | | | | | | 110 |
| LT1-D1210 auxiliary contact 1NO | | | 415V 5.5 | 440V 5.5 | 660V 690V 7.5 | closed 7 | | 12A | 1.7 | 4 | 230 |
| | 220V 230V 3 | 380V 400V 5.5 | | | | | | | | | 400 |
| | | | | | | | open | | | | 12 |
| | | | | | | | 60 | | | | 24 |
| | | | | | | | | | | | 36 48 |
| | | | | | | | | | | | 110 |
| | | | | | | | | | | | 230 |
| | | 380V 400V 5.5 | | | | | | | | | 400 |
| LT4 D4204 | 220V | | | | 660V | | | | | | 12 |
| LT1-D1201 auxiliary contact 1NC | 230V 3 | | 415V 5.5 | 440∨ 5.5 | 690∨ 7.5 | closed 7 | open 60 | 12A | 1.7 | 4 | 24 |
| | | | | | | | | | | | 36 |
| | | | | | | | | | | | 48 |
| | | | | | | | | | | | 110 |
| | | | | | | | | | | | 230 |
| | 00011 | | | | | | | | | | 400 |
| LT1-D1810 | 220V | 380V | 44.50 | 4400 | 660V | -11 | · F-9-9-212 | | | | 12 |
| auxiliary contact 1NO | 230V 4 | 400V 7.5 | 415V 9 | 440V 9 | 690∨ 10 | closed 7 | open 60 | 18A | 1.7 | 6 | 24 |
| | | | | | | | | | | | 36 |
| | | | | | | | | | | | 48 |
| | | | | | | | | | | | 110 |
| | | | | | | | | | | , | 230 |
| | 220V 230V 5.5 | 380V 400V 11 | 415V 11 | 440V 11 | 660∨ 690∨ 15 | closed 7.5 | open 90 | 25A | 2.5 | | 400 |
| LT1-D2510 | | | | | | | | | | | 12 |
| auxiliary contact 1NO | | | | | | | | | | 6 | 24 |
| | | | | | | | | | | | 36 |
| | | | | | | | | | | | 48 |
| | | | | | | | | | | | 110 |
| | | | | | | | | | | | 230 |
| LT1-D2501 auxiliary contact 1NC | 220V 230V 5.5 | 380V 400V 11 | 415V 11 | 440V | 660V 690V 15 | closed | open | | 2.5 | | 400 |
| | | | | | | | | | | | 12 |
| | | | | | | | | 25A | | 6 | 24 |
| | | | | 11 | | 7.5 | 90 | P 1-2 | | | 36 |
| | | | | | | | | | | | 48 |
| | | | | | | | | | | | 110 |
| LT1-D3210 auxiliary contact 1NO | 220V 230V 7.5 | 380V 400V | 415V 15 | 440V 15 | 660V 690V 18.5 | closed | open | 32A | 2.5 | 10 | 230 |
| | | | | | | | | | | | 400 |
| | | | | | | | | | | | 12 |
| | | | | | | | | | | | 24 |
| | | 15 | | | | 7.5 | 90 | | | | 36 |
| | | | | | | | | | | | 48 |
| | | | | | | | | | | | 110 |
| LT1-D4011 auxiliary contact 1NO+1NC | | 380V 400V 18.5 | 415V 22 | 440V 22 | 660V 690V 30 | closed 20 | open 200 | 40A | 5 | 16 | 230 |
| | 220V 230V 11 | | | | | | | | | | 400 |
| | | | | | | | | | | | 12 |
| | | | | | | | | | | | 24 |
| | | | | | | | | | | | 36 |
| | | | | | | | | | | | 48 |
| | | | | | | | | | | | 110 |
| | | | | | | | | | | | 230 |
| | 220V 230V 15 | 380V 400V 22 | 415V 25 | 440V 25 | 660∨ 690∨ 33 | closed | open 200 | | 5 | 25 | 400 |
| LT1-D5011 | | | | | | | | 50A | | | 12 |
| auxiliary contact 1NO+1NC | | | | | | | | | | | 24 |
| | | | | | | | | | | | 36 |
| | | | | | | | | | | | 48 |
| | | | | | | | | | | | 110 |
| LT1-D6511 auxiliary contact 1NO+1NC | 220V 230V 18.5 | 380V 400V 30 | 415V 37 | 440V 37 | 660V | | | | 5 | | 230 |
| | | | | | | | | | | | 400 |
| | | | | | 690V | closed | open | | | | 12 |
| | | | | | 37 | 20 | | 65A | | 25 | 24 |
| | | | | | | | 200 | | | | 36 |
| | | | | | | | | | | | 48 |
| | | | | | | | | | | | 110 |
| LT1-D8011 auxiliary contact 1NO+1NC | 220V 230V 22 | 380V 400V 37 | 415V 45 | 440V 45 | 660V 690V 45 | closed 20 | | 80A | 9 | | 230 |
| | | | | | | | open 200 | | | 50 | 400 |
| | | | | | | | | | | | 12 |
| | | | | | | | | | | | 24 |
| | | | | | | | | | | | 36 |
| | | | | | | | | | | | 48 |
| | | | | | | | | | | | 110 |
| | | | | | | | | | | | 230 |
| LT1-D9511 | 220V | 380V | | | 660V | | | | | 50 | 400 |
| | 230V 25 | 400V 45 | 415V 45 | 440V | 690V 45 | closed 20 | open | | | | 12 |
| auxiliary contact | | | | | | | | 95A | 9 | | 24 |
| 1NO+1NC | | | | 45 | | | 200 | | | | 36 |
| | | | | | | | | | | | 48 |