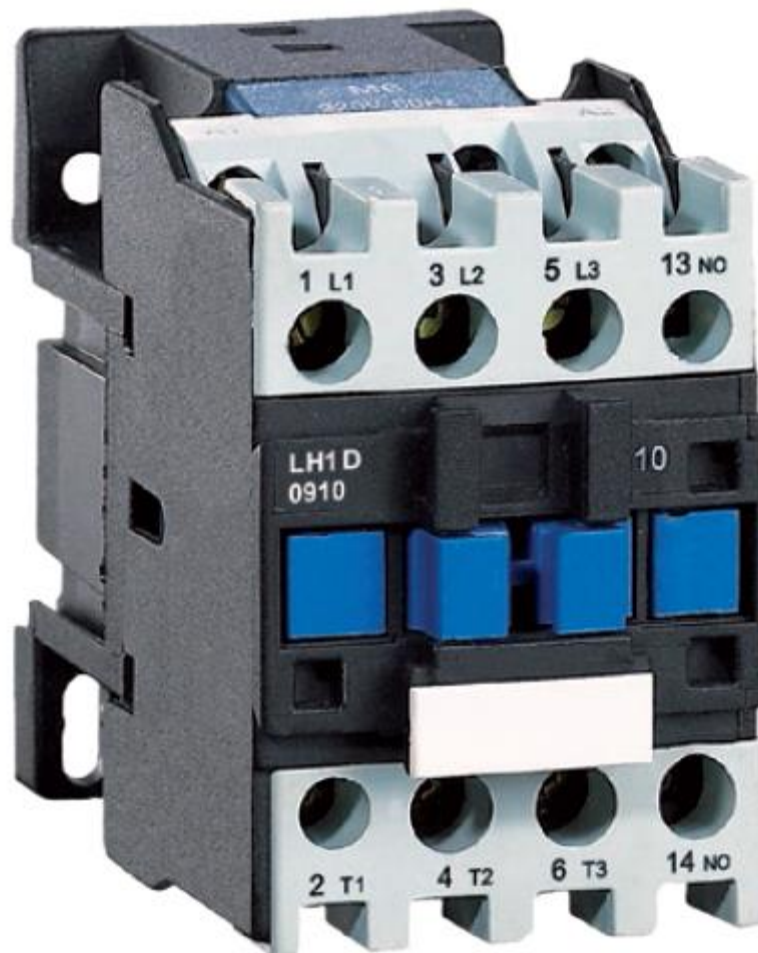


EL[®]MARK

The Brand of Electricity

LOW VOLTAGE CONTACTORS

LH1-D



Description:

LH1-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: >6000V
- Rated voltage of the coil: from 12 to 400V AC
- Limits of the controlling coil voltage: from 0.8 to 1.15 U_c
- Joining terminal: screw terminal
- Connecting:
 - flexible conductors with or without cable terminal
 - rigid conductors
- Electrical wear resistance (number of cycles): ≥500000
- Mechanical wear resistance (number of cycles): ≥500000
- Number of cycles per hour: 500 UP TO 32A; 600 for 40-95A
- Pole leaking power: up to 10W

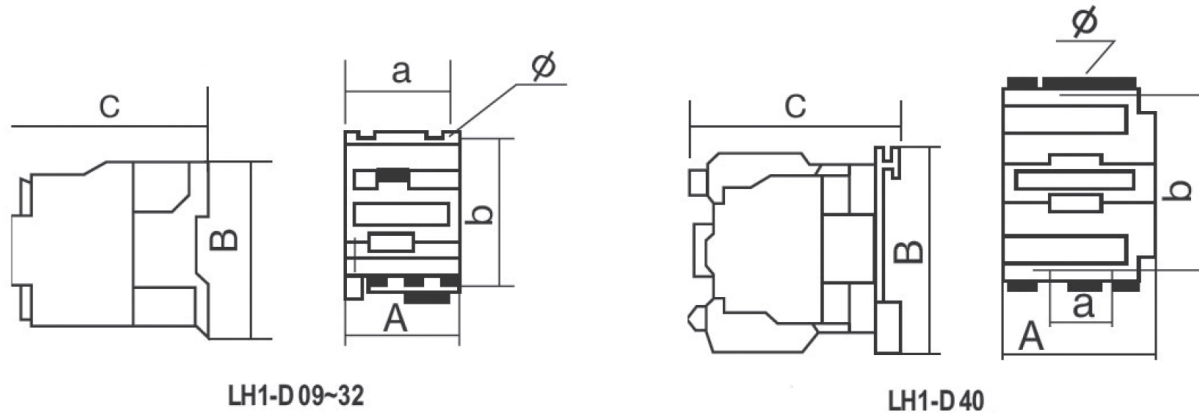
TECHNICAL SPECIFICATION

RESIDUAL CURRENT DEVICES

ELMARK[®]

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Dimensions:



LH1-D09~32

LH1-D40

Type	Overall dimensions (mm)					
	a	b	Φ	A	B	C
LH1- D09-12	34/35	50/60	4.5	47	70	82
LH1- D2510	40	48	4.5	57	80	95
LH1- D3210	40	48	4.5	57	80	100
LH1- D4011	40	100	6.5	77	126	116

Variants:

Type number	Motor rated capacity (kW)					Coil capacity (VA)		Rated current in AC-3 440Vtp up	Tightening moment (N.m)	Coil voltage	Packing/ Box (pcs)	Catalogue number
	220V 230V	380V 400V	415V	440V	660V 690V	closed	open					
LH1 -D0910 1NO	2.2	4	4	4	5.5	7	60	9A	1.7	230	1/50	73091
										400		73092
LH1 -D2510 1NO	5.5	11	11	11	15	7.5	90	25A	2.5	230	1/50	73251
										400		73252
LH1 -D3210 1NO	7.5	15	15	15	18.5	7.5	90	32A	2.5	230	1/50	73321
										400		73322
LH1 -D4011 1NO	11	18.5	22	22	30	20	200	40A	5	230	1/20	73401
										400		73402

Standards:

- EN 60947-1
- EN 60947-4-1-

