

# LR2-D series Thermal Relay

## APPLICATION

This series of thermal relay can be used in the circuit of 50Hz or 60Hz, rated insulation voltage 660V, rated current 0.1-93A for protecting the phase break when the electric motor is overload.

The relay has different mechanism and temperature compensation & can be plugged in LC1-D series AC contact. It is the most advanced thermal relay in the nineties in the world.



LR2-D13



LR2-D23



LR2-D33

## CHARACTERISTICS

### a. Fundamental parameter of the main circuit

- (a). Rated insulation voltage 660V.
- (b). Rated working current 25, 36, 93A.
- (c). The regulator seal of rated setting current and setting.
- (d). Current of the thermal component

### b. Auxiliary circuit

- (a). There are one pair of N/O and N/C contact with electric insulation.
- (b). Rated insulation voltage 500V.
- (c). Rated frequency 50-60Hz.
- (d). Use group, rated working voltage, appoint thermal current and rated current.

Type	Rated working current of thermal relay	Thermal component		
			Rated current (A)	Rated or scale of rated current (A)
LR2-D13	25	LR2-D1301	0.16	0.10-0.16
		LR2-D1302	0.25	0.16-0.25
		LR2-D1303	0.40	0.25-0.40
		LR2-D1304	0.63	0.40-0.63
		LR2-D1305	1.0	0.63-1.0
		LR2-D1306	1.6	1.0-1.6
		LR2-D1307	2.0	1.25-2.0
		LR2-D1308	2.5	1.6-2.5
		LR2-D1309	4.0	2.5-4.0
		LR2-D1310	6.0	4.0-6.0
		LR2-D1311	8.0	5.5-8.0
		LR2-D1312	10.0	7.0-10.0
		LR2-D1313	13.0	9.0-13.0
		LR2-D1314	18.0	12.0-18.0
LR2-D23	36	LR2-D2353	32	23.0-32.0
		LR2-D2355	36	28.0-36.0
LR2-D33	93	LR2-D3353	32	23.0-32.0
		LR2-D3355	40	30.0-40.0
		LR2-D3357	50	37.0-50.0
		LR2-D3359	65	48.0-65.0
		LR2-D3361	70	55.0-70.0
		LR2-D3363	80	63.0-80.0
		LR2-D3365	93	80.0-93.0