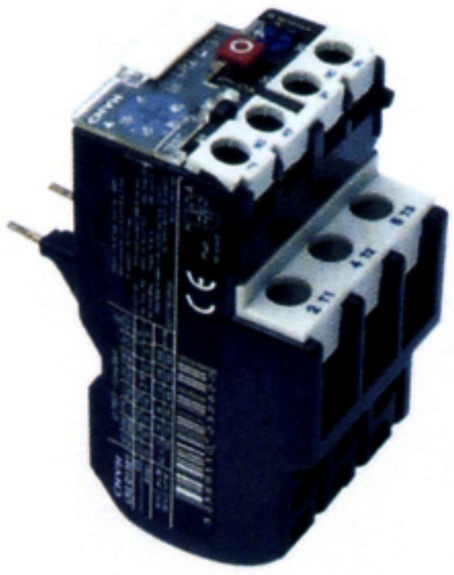
LR2-D Thermal Relay

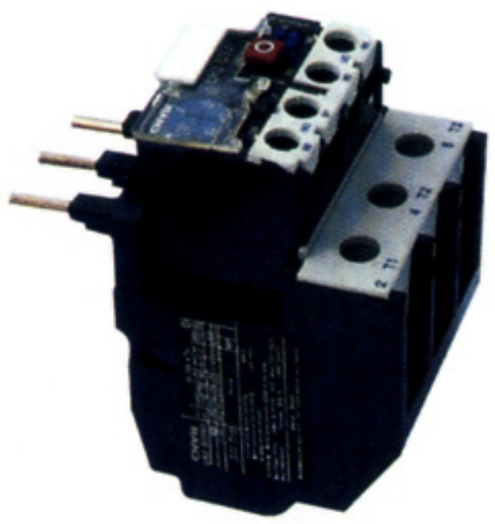
Application

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

The relay has different mechanism and tempreture compensation & can be pluged in LC1-D series AC Contactor.



LR2-D13



LR2-D23

Speciffications

TYPE	Rated working current of thermal relay	Thermal component		
			Rated Current(A)	Regular or scale of rated current(A)
LR2-D13	25	LR2-D1301	0.16	0.10-0.16
		1302	0.25	0.16-0.25
		1303	0.40	0.25-0.40
		1304	0.63	0.40-0.63
		1305	1.0	0.63-1.0
		1306	1.6	1.0-1.6
		13X6	2.0	1.25-2.0
		1307	2.5	1.6-2.5
		1308	4.0	2.5-4.0
		1310	6.0	4.0-6.0
		1312	8.0	5.5-8.0
		1314	10.0	7.0-10.0
		1316	13.0	9.0-13.0
		1321	18.0	12.0-18.0
		1322	25.0	17.0-25.0
LR2-D23	36	LR2-D2353	32	23.0-32.0
		2355	36	28.0-36.0
LR2-D33	93	LR2-D3353	32	23.0-32.0
		3355	40	30.0-40.0
		3357	50	37.0-50.0
		3359	65	48.0-65.0
		3361	70	55.0-70.0
		3363	80	63.0-80.0
		3365	93	80.0-93.0

Characteristics

a. Fundamental parameters of the main circuit

(a). Rated insulating voltage 660V.

(b). Rated working current 25, 36, 93A Separately.

(c). The regulator seal of rated setting current.

(d). Current of the thermal component (see list 1).

b. Auxiliary Circuit

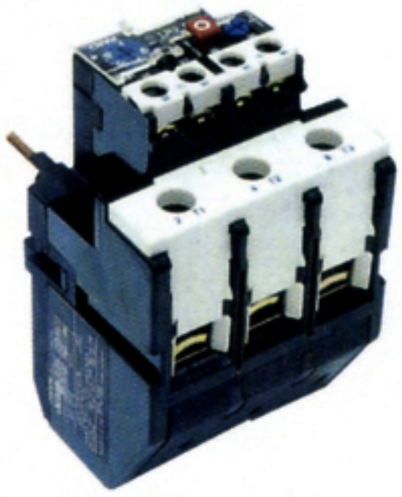
(a). There are one pair of N/O and N/C contact with electric insulation.

(b). Rated insulating Voltage 550V.

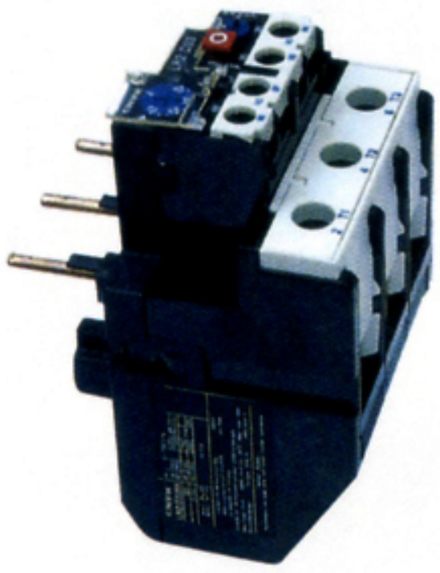
(c). rated frequency 50 or 60Hz.

(d). Use group, rated working voltage, appoint thermal current and rated current.

Use Group	ACLL			DCLL	
Rated working voltage (V)	220	380	500	220	110
Rated working current (A)	4	3	2	0.1	0.22
Appointed thermal current (A)	5				



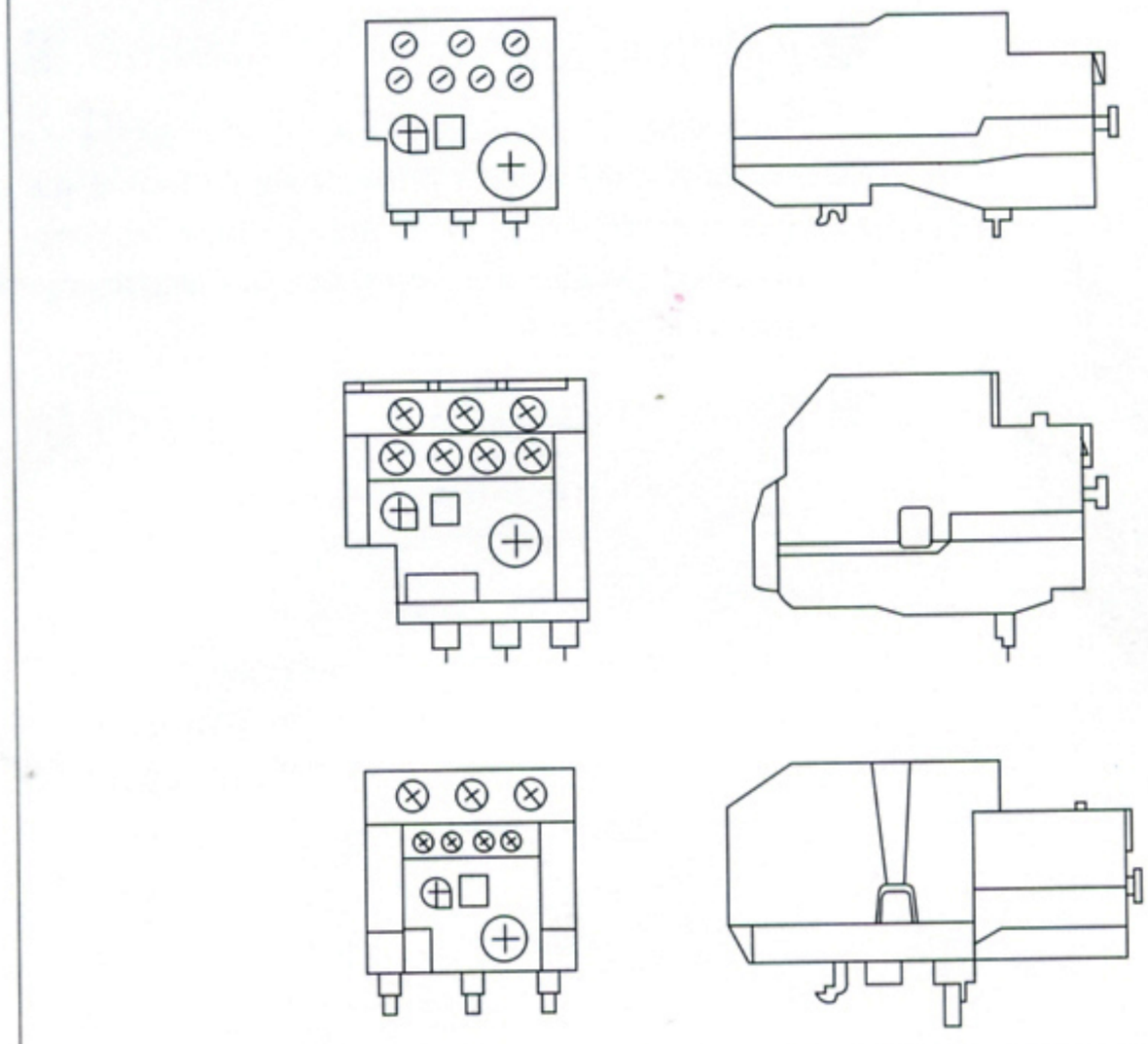
LR2-D33 32 ~ 80A



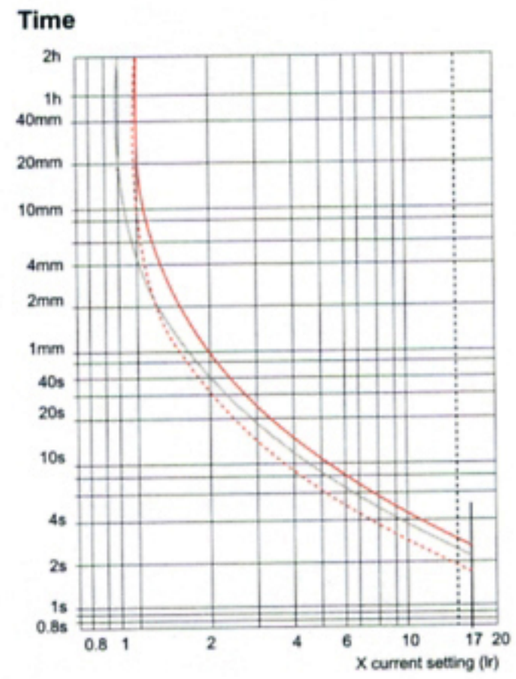
LR2-D33 80 ~ 93A

3UA 62
3UA 66
3UA 68

Dimensions



Performance curve



3UA Thermal Relay

Application

3UA thermal relay is suitable for using in power system with AC 50Hz, rated operation voltage up to 660V and 1000V, in main circuit, current from 0.1A to 630A. It is used to protect AC three phase asynchronous motor against overload and phase failure.

The current setting value can be regulated and the setting current values of many