



BR-D13



BR-D23



BR-D33

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 BSC1-D series AC contactor. It is the most advanced thermal relay in the nineties in the world. The products comply with IEC60947-4-1.

Characteristics

a. Fundamental parameter of the main circuit

- Rated insulation voltage 660V.
- Rated working current 25, 36, 93A.
- The regulator seal of rated setting current and setting.
- Current of the thermal component (see list below)

b. Auxiliary circuit

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

Rated Setting Range (A)

Type	Rated working current of thermal relay		Thermal component	
			Rated current (A)	Rated or scale of rated current (A)
BR-D13	25	BR-D1301	0.16	0.10-0.16
		BR-D1302	0.25	0.16-0.25
		BR-D1303	0.40	0.25-0.40
		BR-D1304	0.63	0.40-0.63
		BR-D1305	1.0	0.63-1.0
		BR-D1306	1.6	1.0-1.6
		BR-D13X6	2.0	1.25-2.0
		BR-D1307	2.5	1.6-2.5
		BR-D1308	4.0	2.5-4.0
		BR-D1310	6.0	4.0-6.0
		BR-D1312	8.0	5.5-8.0
		BR-D1314	10.0	7.0-10.0
		BR-D1316	13.0	9.0-13.0
		BR-D1321	18.0	12.0-18.0
		BR-D1322	25.0	17.0-25.0
BR-D23	36	BR-D2353	32	23.0-32.0
		BR-D2355	36	28.0-36.0
BR-D33	93	BR-D3353	32	23.0-32.0
		BR-D3355	40	30.0-40.0
		BR-D3357	50	37.0-50.0
		BR-D3359	65	48.0-65.0
		BR-D3361	70	55.0-70.0
		BR-D3363	80	63.0-80.0
		BR-D3365	93	80.0-93.0