

### LR2-D Thermal Overload Relay



JR28-25 (LR2-D13)

#### 适用范围 Application

该系列热过载继电器适用于50或60Hz、额定绝缘电压660V、额定电流为0.1-93A的电路中，用于电机过载时的断相保护。此继电器有不同的机构及温度补偿，可插入LC1-D系列、AC触头，它是世界上年代最先进的继电器。产品符合IEC60947-4标准。

This series of thermal overload 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 overloaded. The relay has different mechanism and temperature compensation & can be plugged in LC1-D series AC contactor. It is the most advanced thermal relay in the nineties in the world. The products comply with IEC60947-4.

#### 特点 Characteristics

##### a. 主电路基本参数

- (a). 额定绝缘电压660V
- (b). 额定工作电流25、35、93A
- (c). 密封调节器额定整定电流
- (d). 热元件额定电流调节范围

##### b. 辅助电路

- (a). 具有电气隔离的常开的常闭
- (b). 额定绝缘电压550V
- (c). 额定频率50-60Hz
- (d). 使用类别，额定工作电压，约定发热电流和额定工作电压

##### a. Fundamental parameter of the main circuit

- (a). Rated insulation voltage 660V.
- (b). Rated working current 25、35、93A separately.
- (c). The regulator seal of rated setting current.
- (d). Current of the thermal component(see list 1)

##### b. Auxiliary Circuit

- (a). There is one pair of N/O and N/C contact with electric insulation.
- (b). Rated insulation voltage 550V.
- (c). Rated frequency 50-60Hz.
- (d). Use group, rated working voltage, conventional thermal current and rated current.

#### 技术参数 Specifications

型号Type	额定工作电流 Rated working current	热元件 Thermal component		
		额定电流 Rated current(A)	额定电流选择范围 Rated or scale of rated current(A)	
LR2-D13 25	LR2-D	1301	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
		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
LR2-D23 36	LR2-D	1322	25.0	17.0-25.0
		2353	32	23.0-32.0
		2355	36	28.0-36.0
		3353	32	23.0-32.0
		3355	40	30.0-40.0
LR2-D33 93	LR2-D	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



JR28-36 (LR2-D23)



JR28-93 (LR2-D33)

### JR28N(LRD) Thermal Overload Relay



JR28N-25 (LRD-13)

#### 适用范围 Application

该系列热继电器用于50或60Hz、额定绝缘电压660V、额定电流0.1-140A的电路中，作为电动机过载和断相保护之用。此继电器有不同的机构及温度补偿，可插入CJX2-D系列、AC触头，它是世界上90年代最先进的继电器。产品符合IEC60947-4标准。

This series of thermal overload relay can be used in the circuit of 50Hz or 60Hz, rated insulation voltage 660V, rated current 0.1-140A for protecting the phase break when the electric motor is overloaded.

The relay has different mechanism and temperature compensation & can be plugged in CJX2-D series AC contactor. It is the most advanced thermal relay in the nineties in the world. The products comply with IEC 60947-4.

#### 技术参数 Specifications

型号Type	额定工作电流 Rated working current	热元件 Thermal component		
		额定电流 Rated current(A)	额定电流选择范围 Rated or scale of rated current(A)	
JR28N-25 (LRD-13)	JR28N	1301	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
		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
		JR28N-93 (LRD-33)	JR28N	1321
1322	24.0			16.0-24.0
1332	32			23.0-32.0
1335	38			30.0-38.0
3322	25			17.0-25.0
3353	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
JR28N-150 (LRD-43)	JR28N	3363	80	63.0-80.0
		3365	93	80.0-93.0
		4365	104	80.0-104.0
		4367	120	95.0-120.0
		4369	140	110.0-140.0



JR28N-93 (LRD-33)



JR28N-150 (LRD-43)