



NXR Series thermal overload relay

Series thermal overload relay

NXR series thermal overload relay (hereinafter referred to as thermal relay) is suitable for overload and phase failure protection of AC motors with long-term or intermittent operation of AC 50Hz/60Hz, voltage to 690V, and setting current of 0.1~630A.

The thermal relay also has functions such as temperature compensation, motion indication, automatic and manual reset, stop and test, and the product performance is stable and reliable.

The thermal relay can be plugged into the contactor or installed separately.

Compliance with standards: G/TB 14048.4/IEC 60947-4-1, GB/T 14048.5/IEC 60947-5-1.

Three-phase bimetal, or electronic (NXR-200, NXR-630) with a trip level of 10A

Installation method: plug-in installation with contactor (NXR-12, 25, 38, 100) or stand-alone installation (NXR-200, 630)

Relay thermal relay

Specification

主要参数及技术性能

项目			NXR-12	NXR-25	NXR-38	NXR-100	NXR-200	NXR-630
电流等级			12	25	38	100	200	630
额定绝缘电压 V			690	690	690	690	690	690
额定冲击耐受电压 V			6000	6000	6000	6000	6000	6000
外壳防护等级			IP20	IP20	IP20	IP20	IP00	IP00
断相保护			有	有	有	有	有	有
手动与自动复位			有	有	有	有	手动	手动
温度补偿			有	有	有	有	有	有
脱扣指示			有	有	有	有	有	有
测试按钮			有	有	有	有	有	有
停止按钮			有	有	有	有	有	有
安装方式			插入式	插入式	插入式	插入式	独立式	独立式
自带辅助触头			1NO+1NC	1NO+1NC	1NO+1NC	1NO+1NC	1NO+1NC	1NO+1NC
AC-15 380V/400V 额定电流 A			1.5	1.5	1.5	1.5	1.5	1.5
DC-13 220V 额定电流 A			0.2	0.2	0.2	0.2	0.2	0.2
导线 截面积 mm²	主回路	单芯或绞合线	1~4	1~6	4~10	4~35	25~95	50~2×185
		接线螺钉	M3.5	M4	M4	M10	M8	M10
		紧固拧紧力矩 (N·m)	1.2	1.7	1.7	10	10	20
	辅助回路	单芯或绞合线	1~2.5	1~2.5	1~2.5	1~2.5	1~2.5	1~2.5
		接线螺钉	M3.5	M3.5	M3.5	M3.5	M3.5	M3.5
		紧固拧紧力矩 (N·m)	0.8	0.8	0.8	0.8	1.2	1.2

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