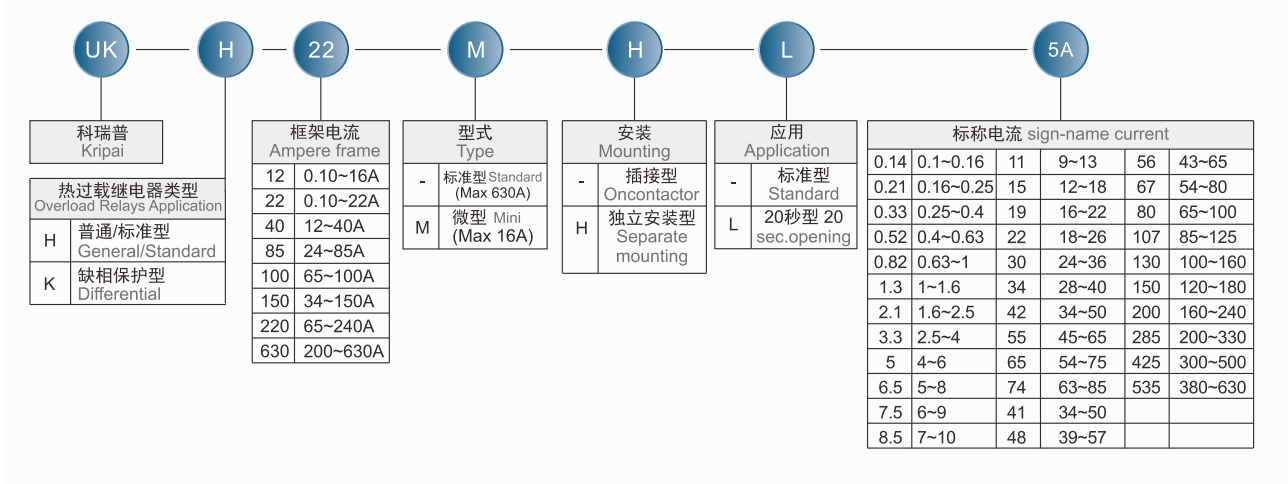


Model Definition

型号标注

热过载继电器 Thermal overload relay



Overload relay

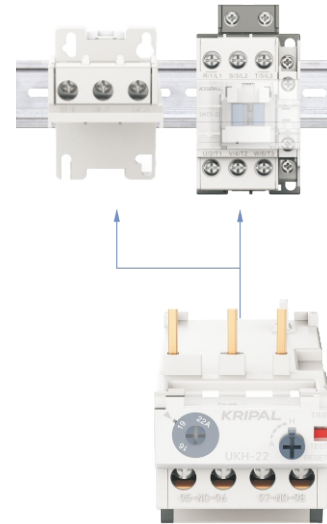
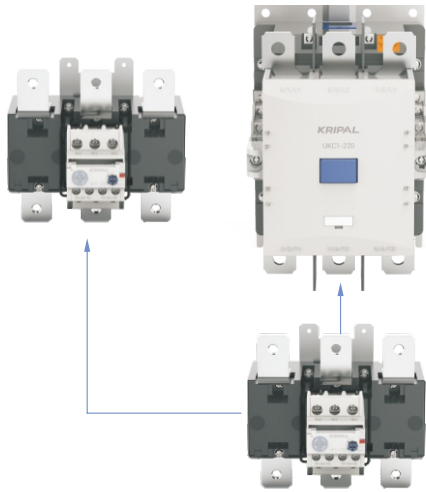
过载继电器

热(双金属片式)式, 最大到220A, UK型热过载继电器可直接与接触器插接, 也可通过附加的独立安装支架独立安装。

Thermal (bimetal element) type, max reaches 220A, UK type thermal overload relay can be connected with contactor directly or individually with the help of additional independent mounting support.

如须单独安装热过载继电器, 可使用单独支座, 并可用螺丝或导轨固定。(适用型号: UKH-22, 40, 85)

If it is required to mount the thermal overload relay separately, use single seat and fix with screws or guide track. (Application type: UKH-22, 40, 85)

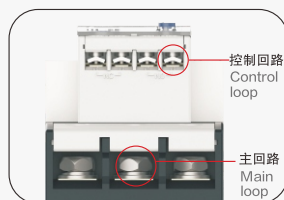
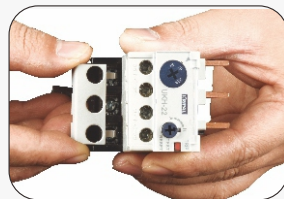
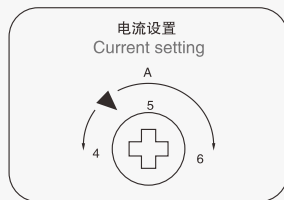


热过载继电器, 100A以上可通过螺钉直接安装在安装盘上, 根据规格选择不同的底板。

Thermal overload relay of 100A above can be installed at subpanel directly by screw, please select base plate according to the specification.

热过载继电器特点

Thermal overload relays characteristics

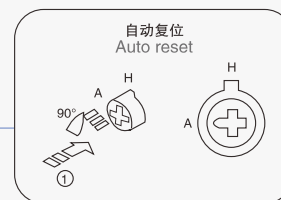
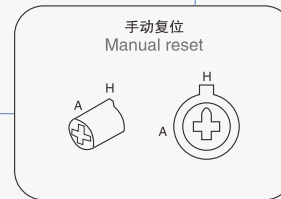
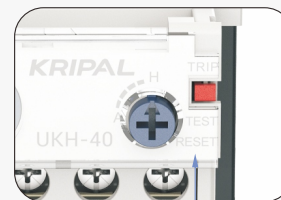


主回路端子和控制回路端子区分明显, 防止人为错误接线。

Main loop terminal has sharp difference from control loop terminal, thus it is hard to make wrong connection.

热过载继电器脱扣时会向上凸出2、3mm, 表示脱扣状态

The thermal overload relay will protrude about 2-3mm in the case of release, which shows the release status available.



设置自动复位: 按下复位按钮并向逆时针方向旋转90度

Automatic reset setting: Press down the reset button and rotate anticlockwise for 90degree.

Thermal Overload Relays

热过载继电器

UKH-100, UKK-100L

特点 Characteristics

- 通过底板可直接与接触器安装
- UK-100和UKC1-100,125 接触器(100,125AF)
- UK-150和UKC1-150接触器(150AF)
- 1NO+1NC脱扣触点
- UKH-100—Class 10A脱扣标准
- UKK-100/L—Class 20A脱扣标准
- 过电流 / 缺相保护型
- 适用环境温度: -5-40°C
- 手动/自动复位
- 自由脱扣设计
- 双金属片式
- Be mounted with contactor directly through base plate
- UK-100 and UKC1-100,125 c ontactor(100,125AF)
- UK-150 and UKC1-150 contactor(150AF)
- 1NO+1NC tripping contact
- UKH-100—Class 10A tripping standard
- UKK-100/L—Class 20A tripping standard
- Over-current / Phase-failure protection
- Applicable ambient temperature: -5°40C
- Manual / Automatic reset
- Design of trip free
- Bimetal element type



UKH-100
UKK-100/L



UKH-150
UKK-150/L

100AF

电流范围(A) Current range	缺相保护型 Phase-failure protection type	标准型 Standard type	Class 20A
34-50	UKK-100 · 50	UKH-100/3 · 50	UKK-100/L · 50
39-57	UKK-100 · 57	UKH-100/3 · 57	UKK-100/L · 57
43-65	UKK-100 · 65	UKH-100/3 · 65	UKK-100/L · 65
54-80	UKK-100 · 80	UKH-100/3 · 80	UKK-100/L · 80
65-100	UKK-100 · 100	UKH-100/3 · 100	UKK-100/L · 100
85-125	UKK-100 · 125	UKH-100/3 · 125	UKK-100/L · 125

150AF

电流范围(A) Current range	缺相保护型 Phase-failure protection type	标准型 Standard type	Class 20A
34-50	UKK-150 · 50	UKH-150/3 · 50	UKK-150/L · 50
39-57	UKK-150 · 57	UKH-150/3 · 57	UKK-150/L · 57
43-65	UKK-150 · 65	UKH-150/3 · 65	UKK-150/L · 65
54-80	UKK-150 · 80	UKH-150/3 · 80	UKK-150/L · 80
65-100	UKK-150 · 100	UKH-150/3 · 100	UKK-150/L · 100
85-125	UKK-150 · 125	UKH-150/3 · 125	UKK-150/L · 125
100-150	UKK-150 · 150	UKH-150/3 · 150	UKK-150/L · 150

接线 Connection

主端子(负载) Main terminal (load)	螺钉(M8)压线式端子 Screw(M8) crimping terminal
	线径 Wire dia: 2~100mm ²
辅助触点 Auxiliary contact	螺钉(M4)压线式端子 Screw(M4) crimping terminal

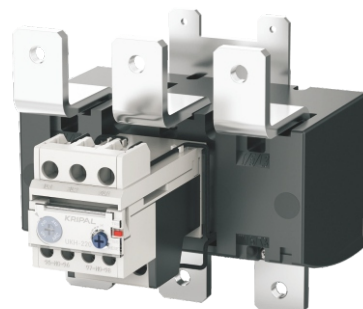
Thermal Overload Relays

热过载继电器

UKH-220, UKK-220L

特点 Characteristics

- 直接与接触器安装
- UK-220和UKC1-180,220 接触器(180,200AF)
- 1NO+1NC脱扣触点
- UKH-220—Class 10A脱扣标准
- UKK-220/L—Class 20A脱扣标准
- 标准型: UKH
- 缺相保护型: UKK
- 适用环境温度: -5-40°C
- 自由脱扣设计
- 双金属片式
- CT动作型
- Be contactor with contactor directly
- UK-100 and UKC1-100,125 c ontactor(100,125AF)
- 1NO+1NC tripping contact
- UKH-220—Class 10A tripping standard
- UKK-220/L—Class 20A tripping standard
- Standard type: UKH
- Phase-failure protection type: UKK
- Applicable ambient temperature: -5°40C
- Design of trip free
- Bimetal element type
- CT attion type



UKH-220
UKK-220/L

220AF

电流范围(A) Current range	缺相保护型 Phase-failure protection type	标准型 Standard type	Class 20A
65-100	UKK-220 100	UKH-220/3 100	UKH-220/L 100
85-125	UKK-220 125	UKH-220/3 125	UKH-220/L 125
100-160	UKK-220 160	UKH-220/3 160	UKH-220/L 160
120-180	UKK-220 180	UKH-220/3 180	UKH-220/L 180
160-240	UKK-220 240	UKH-220/3 240	UKH-220/L 240

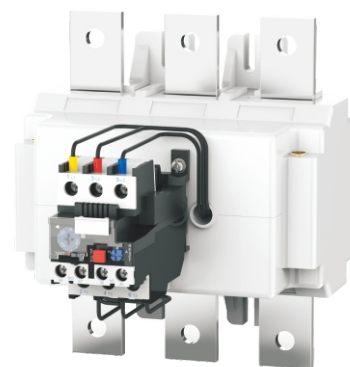
接线 Connection

主端子(负载) Main terminal (load)	UK-220	螺钉(M10)压线式端子 Screw(M10) crimping terminal
		线径 Wire dia: 2~150mm ²
辅助触点 Auxiliary contact		螺钉(M3.5)压线式端子 Screw(M3.5) crimping terminal

UKH-630, UKK-630L

特点 Characteristics

- 直接与接触器安装
- UK-630和UKC1-330,400,500 630 接触器(180,200AF)
- 1NO+1NC脱扣触点
- 标准型: UKH
- 缺相保护型: UKK
- 适用环境温度: -5-40 °C
- Be contactor with contactor directly
- UK-100 and UKC1-100,125 c ontactor(100,125AF)
- 1NO+1NC tripping contact
- Standard type: UKH
- Phase-failure protection type: UKK
- Applicable ambient temperature: -5°40C



630AF

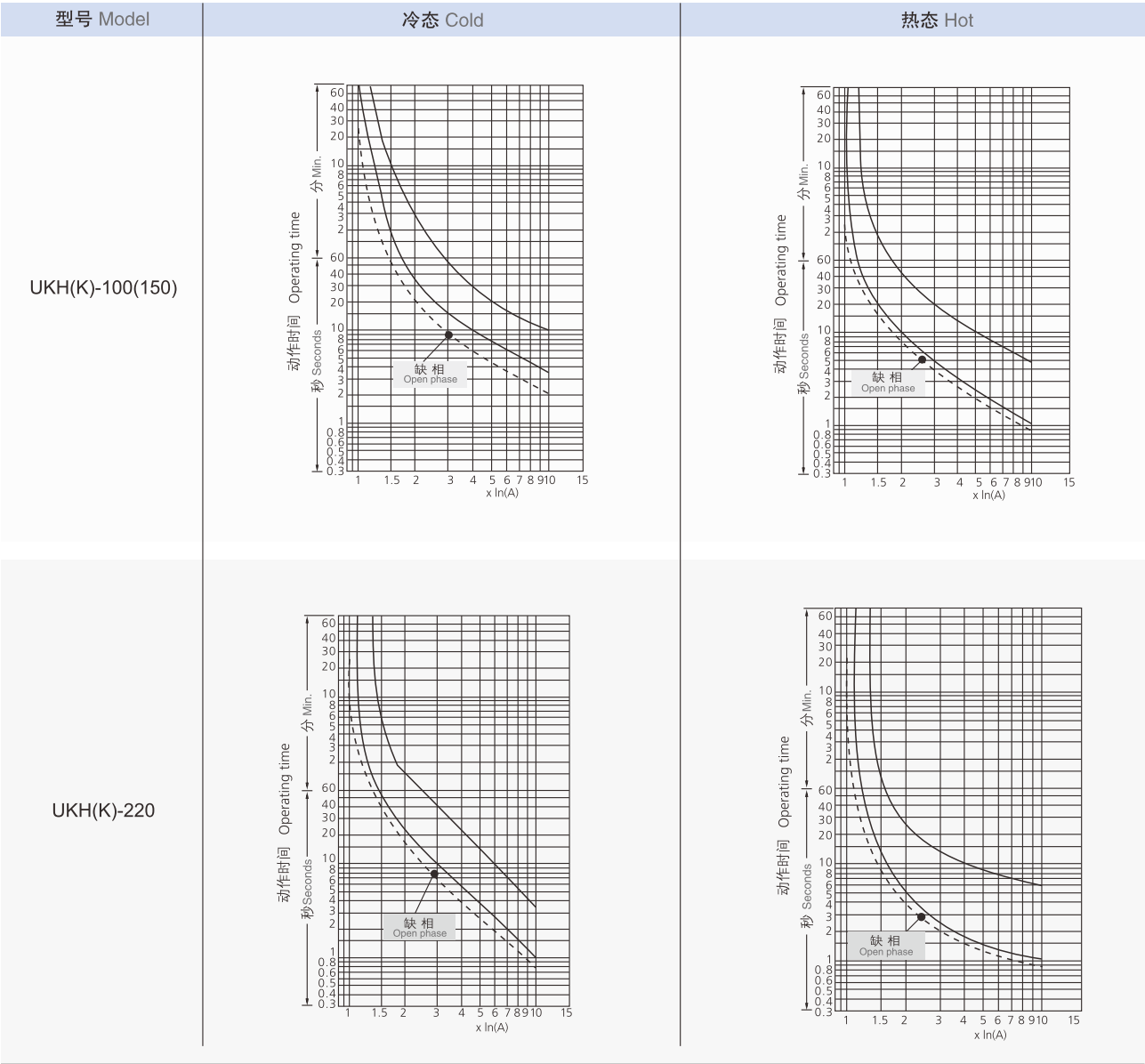
电流范围(A) Current range	缺相保护型 Phase-failure protection type	标准型 Standard type	Class 20A
220-300	UKK-630 330	UKH-630/3 330	UKH-630/L 330
300-500	UKK-630 500	UKH-630/3 500	UKH-630/L 500
380-630	UKK-630 630	UKH-630/3 630	UKH-630/L 630

接线 Connection

主端子(负载) Main terminal (load)	螺钉(M16)压线式端子 Screw(M16) crimping terminal
	线径 Wire dia: 80~325mm ²
辅助触点 Auxiliary contact	螺钉(M3.5)压线式端子 Screw(M3.5) crimping terminal

Thermal Overload Relays Characteristics Curve

热过载继电器特性曲线图



Thermal Overload Relays Characteristics Curve

热过载继电器特性曲线图

型号 Model	脱扣特性 Trip characteristics	型号 Model	脱扣特性 Trip characteristics
UKK-22/L		UKK-40/L	
UKK-85/L		UKK-100/L UKK-150/L	
UKK-220/L		UKK-630/L	

Mounting Dimensions & Wiring Diagram

安装尺寸及接线图

热过载继电器 Thermal overload relay

UKH(K)-100~630

型号 Model	外型尺寸 External dimensions (mm)	触点构成 Contacts form
UKH(K)-100		0.48kg
UKH(K)-150		0.6kg
UKH(K)-220		2.5kg
UKH(K)-630		

Mounting Dimensions & Wiring Diagram

安装尺寸及接线图

热过载20秒级 Thermal overload 20 second level

UKK1-22/L~220L

型号 Model	外型尺寸 External dimensions (mm)	触点构成 Contacts form
UKK-22L		
UKK-40L		
UKK-85L		
UKK-100/L~150L		
UKK-220L		