

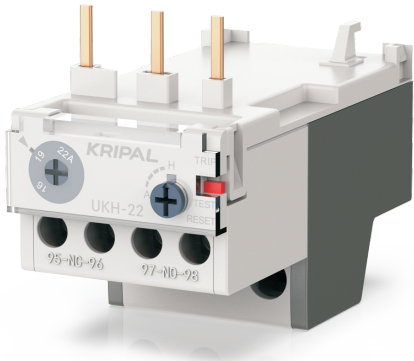
Thermal Overload Relays

热过载继电器

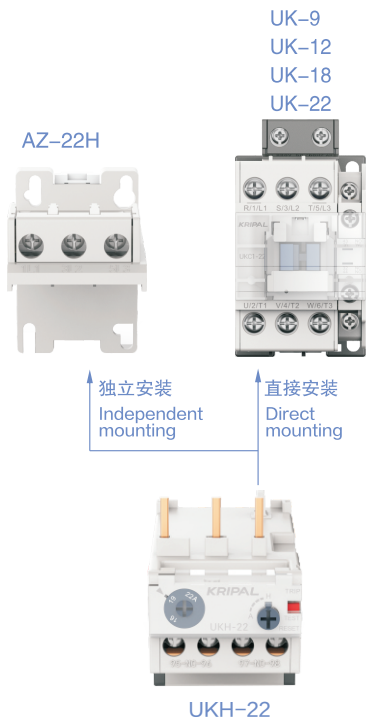
UKH-22, UKK-22L

特点 Characteristics

- 直接与UK-9,12,18,22接触器安装 – Be mounted with UK-9,12,18,22contactor directly
- 通过使用安装支架(AZ-22H) – Be mounted by guide rail or screw through mounting support (AZ-22H)
可导轨或螺钉安装
- 尺寸小: 44mm宽 – Small size: 44mm width
- 1NO+1NC脱扣触点 – 1NO+1NC tripping contact
- UKH-22—Class 10A脱扣标准 – UKH-22—Class 10A tripping standard
- UKK-22/L—Class 20A脱扣标准 – UKK-22/L—Class 20A tripping standard
- 标准型: UKH – Standard type: UKH
- 缺相保护型: UKK – Phase-failure protection type: UKK
- 适用环境温度: -5~40℃ – Applicable ambient temperature: -5-40oC
- 手动/自动复位 – Manual / Automatic reset
- 自由脱扣设计 – Design of trip free
- 双金属片式 – Bimetal element type



UKH-22
UKK-22/L



电流范围(A) Current range	缺相保护型 Phase-failure protection type	标准型 Standard type
0.1-0.16	UKK-22 0.16	UKH-22 0.16
0.16-0.25	UKK-22 0.25	UKH-22 0.25
0.25-0.4	UKK-22 0.4	UKH-22 0.4
0.4-0.63	UKK-22 0.63	UKH-22 0.63
0.63-1	UKK-22 1	UKH-22 1
1-1.6	UKK-22 1.6	UKH-22 1.6
1.6-2.5	UKK-22 2.5	UKH-22 2.5
2.5-4	UKK-22 4	UKH-22 4
4-6	UKK-22 6	UKH-22 6
5-8	UKK-22 8	UKH-22 8
6-9	UKK-22 9	UKH-22 9
7-10	UKK-22 10	UKH-22 10
9-13	UKK-22 13	UKH-22 13
12-18	UKK-22 18	UKH-22 18
16-22	UKK-22 22	UKH-22 22

电流范围(A) Current range	Class 20A
1~1.6	UKK-22/L 1.6
1.6-2.5	UKK-22/L 2.5
2.5-4	UKK-22/L 4
4-6	UKK-22/L 6
5-8	UKK-22/L 8
6-9	UKK-22/L 9
7-10	UKK-22/L 10
9-13	UKK-22/L 13
12-18	UKK-22/L 18
16-22	UKK-22/L 22

接线 Connection

主端子(负载) Main terminal (load)	螺钉(M4)压线式端子 Screw(M4) crimping terminal
	线径 Wire dia: 1.25~5.5mm²/1.6~2.6
辅助触点 Auxiliary contact	螺钉(M3.5)压线式端子 Screw(M3.5) crimping terminal

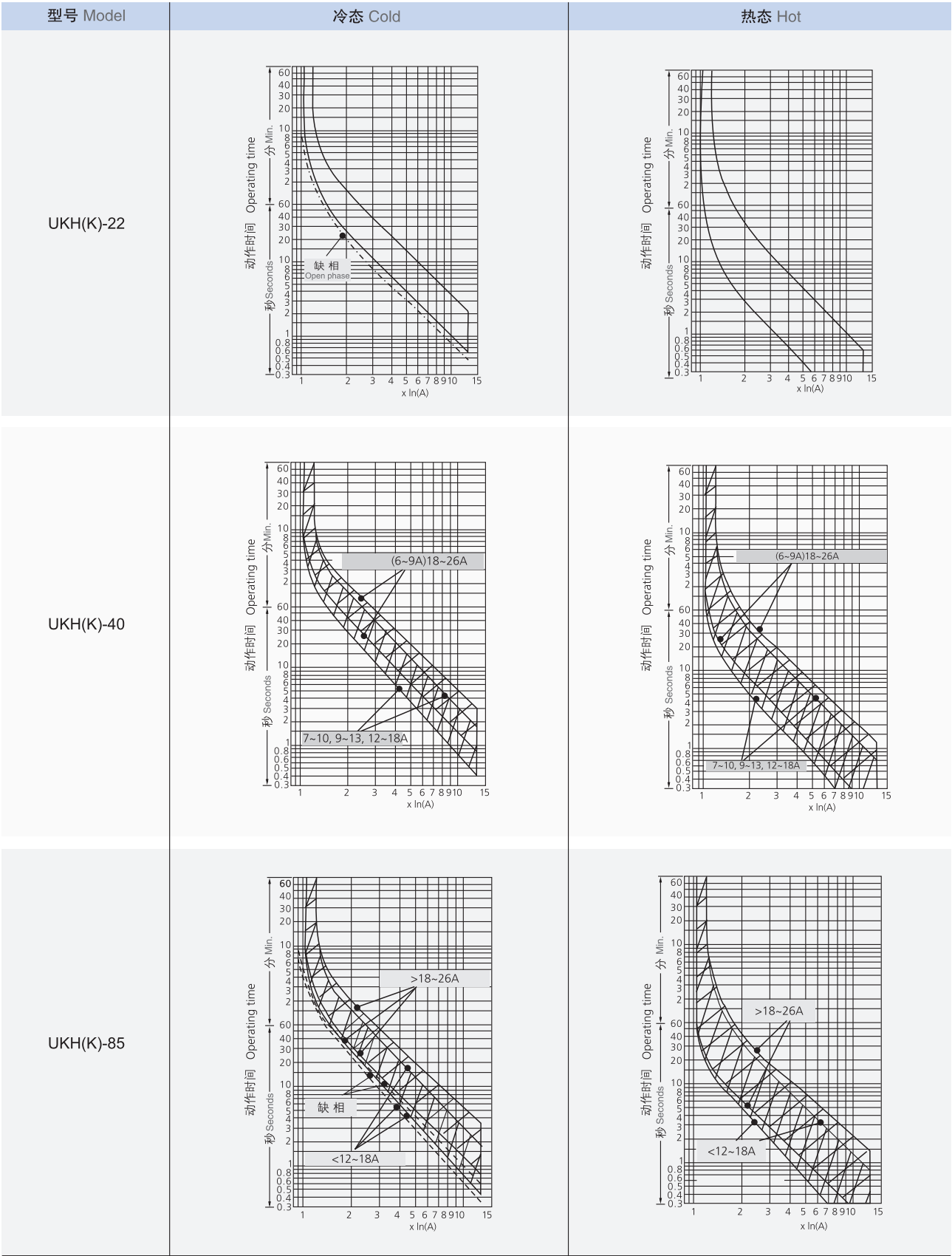
Technical Specifications

技术参数

型号 Model	设置范围 Selection	电缆选择 Selection of cable		扭矩 Tightening torge(Nm)	螺丝尺寸 Screw size
		AWG/MCM	截面积(mm²) Sectional area		
UKH(K)-12M	0.10~0.16	18AWG	1.5	2.0	M3.5
	0.16~0.25	18AWG	1.5	2.0	M3.5
	0.25~0.4	18AWG	1.5	2.0	M3.5
	0.4~0.63	18AWG	1.5	2.0	M3.5
	0.63~1	18AWG	1.5	2.0	M3.5
	1~1.6	18AWG	1.5	2.0	M3.5
	1.6~2.5	18AWG	1.5	2.0	M3.5
	2.5~4	18AWG	1.5	2.0	M3.5
	4~6	18AWG	1.5	2.0	M3.5
	5~8	16AWG	1.5	2.0	M3.5
	6~9	16AWG	1.5	2.0	M3.5
	7~10	16AWG	1.5	2.0	M3.5
	9~13	14AWG	1.5~2.5	2.0	M3.5
	12~16	14AWG	1.5~2.5	2.0	M3.5
UKH(K)-22	0.10~0.16	18AWG	1.5	2.3	M4
	0.16~0.25	18AWG	1.5	2.3	M4
	0.25~0.4	18AWG	1.5	2.3	M4
	0.4~0.63	18AWG	1.5	2.3	M4
	0.63~1	18AWG	1.5	2.3	M4
	1~1.6	18AWG	1.5	2.3	M4
	1.6~2.5	18AWG	1.5	2.3	M4
	2.5~4	18AWG	1.5	2.3	M4
	4~6	18AWG	1.5	2.3	M4
	5~8	16AWG	1.5	2.3	M4
	6~9	16AWG	1.5	2.3	M4
	7~10	16AWG	1.5	2.3	M4
	9~13	14AWG	1.5~2.5	2.3	M4
	12~18	12AWG	2.5	2.3	M4
	16~22	10AWG	2.5~4.0	2.3	M4
UKH(K)-40	4~6	18AWG	1.5	4	M5
	5~8	16AWG	1.5	4	M5
	6~9	16AWG	1.5	4	M5
	7~10	16AWG	1.5	4	M5
	9~13	14AWG	1.5~2.5	4	M5
	12~18	12AWG	2.5	4	M5
	16~22	10AWG	2.5~4.0	4	M5
	18~26	10AWG	2.5~6.0	4	M5
	24~36	10AWG	4.0~10	4	M5
	28~40	10AWG	6.0~10	4	M5

Thermal Overload Relays Characteristics Curve

热过载继电器特性曲线图



Mounting Dimensions & Wiring Diagram

安装尺寸及接线图

热过载继电器 Thermal overload relay

UKH(K)-22~85

型号 Model	外型尺寸 External dimensions (mm)	触点构成 Contacts form
UKH(K)-22	UKH(K)-22	0.11kg
UKH(K)-40	UKH(K)-40	0.17kg
UKH(K)-85	UKH(K)-85	0.3kg

导轨连接热过载继电器 Connecting thermal overload relay with din rail

型号 Model	外型尺寸 External dimensions (mm)	触点构成 Contacts form
AZ-22H	AZ-22H	44kg
AZ-40H	AZ-40H	72kg
AZ-85H	AZ-85H	144g