

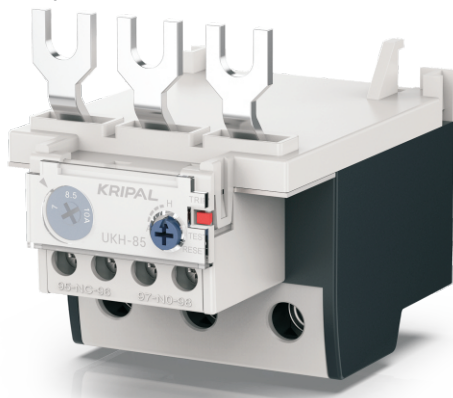
Thermal Overload Relays

热过载继电器

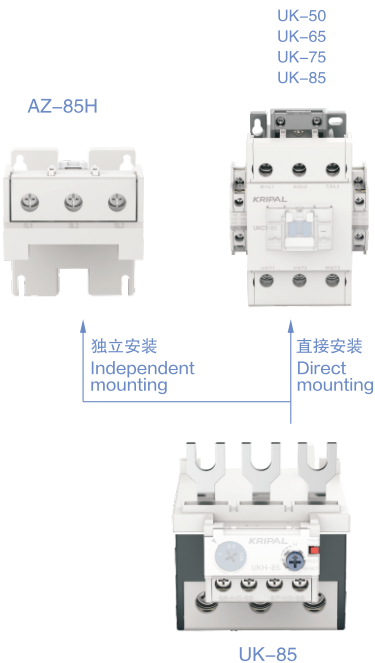
UKH-85, UKK-85L

特点 Characteristics

- 直接与UK-50,65,75,85接触器安装 - Be mounted with UK-50,65,75,85 contactor directly
- 通过使用安装支架(AZ-85H) - Be mounted by guide rail or screw through mounting support (AZ-85H)
- 可导轨或螺钉安装
- 尺寸小: 70mm宽 - Small size: 70mm width
- 1NO+1NC脱扣触点 - 1NO+1NC tripping contact
- UKH-85—Class 10A脱扣标准 - UKH-40—Class 10A tripping standard
- UKK-85/L—Class 20A脱扣标准 - UKK-40/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°C - Applicable ambient temperature: -5-40°C
- 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-85
UKK-85/L



电流范围(A) Current range	缺相保护型 Phase-failure protection type	标准型 Standard type
7-10	UKK-85 10	UKH-85/3 10
9-13	UKK-85 13	UKH-85/3 13
12-18	UKK-85 18	UKH-85/3 18
16-22	UKK-85 22	UKH-85/3 22
18-26	UKK-85 26	UKH-85/3 26
24-36	UKK-85 36	UKH-85/3 36
28-40	UKK-85 40	UKH-85/3 40
34-50	UKK-85 50	UKH-85/3 50
45-65	UKK-85 65	UKH-85/3 60
54-75	UKK-85 75	UKH-85/3 75
63-85	UKK-85 85	UKH-85/3 85

电流范围(A) Current range	Class 20A
7-10	UKK-85/L 10
9-13	UKK-85/L 13
12-18	UKK-85/L 18
16-22	UKK-85/L 22
18-26	UKK-85/L 26
24-36	UKK-85/L 36
28-40	UKK-85/L 40
34-50	UKK-85/L 50
45-65	UKK-85/L 65
54-75	UKK-85/L 75
63-85	UKK-85/L 85

接线 Connection

主端子(负载) Main terminal (load)	50A以下 Below	螺钉(M6)压线式端子 Screw(M6) crimping terminal
		线径 Wire dia: 2~22mm ²
	65A以上 Above	螺钉(M8)压线式端子 Screw(M8) crimping terminal
		线径 Wire dia: 2~38mm ²
		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

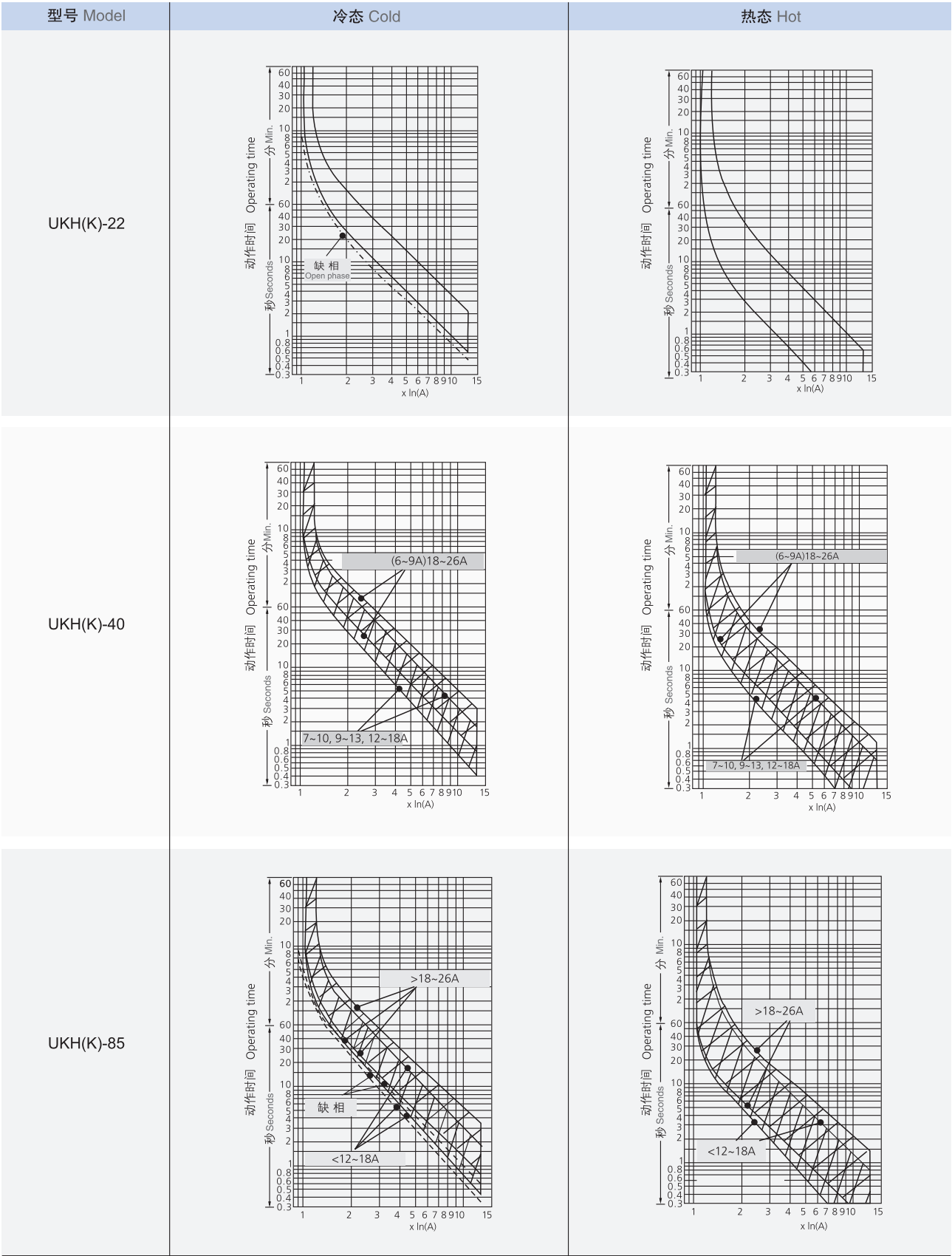
Technical Specifications

技术参数

型号 Model	设置范围 Selection	电缆选择 Selection of cable		扭矩 Tightening torque(Nm)	螺丝尺寸 Screw size
		AWG/MCM	截面积(mm ²) Sectional area		
UKH(K)-85	7~10	16AWG	1.5	5.1	M6
	9~13	14AWG	1.5~2.5	5.1	M6
	12~18	12AWG	2.5	5.1	M6
	16~22	10AWG	2.5~4.0	5.1	M6
	18~26	10AWG	2.5~6.6	5.1	M6
	24~36	10AWG	4.0~10	5.1	M6
	28~40	10AWG	6.0~10	5.1	M6
	34~50	6AWG	10~16	5.1	M6
	45~65	4AWG	10~25	5.1	M8
	54~75	4AWG	16~25	5.1	M8
	63~85	3AWG	16~35	5.1	M8
UKH(K)-100	34~50	6AWG	10~16	9	M8
	39~57	6AWG	10~16	9	M8
	43~65	4AWG	10~25	9	M8
	54~80	4AWG	16~25	9	M8
	65~100	2AWG	25~35	9	M8
	85~125	1AWG	35~50	9	M8
UKH(K)-150	39~57	6AWG	10~16	9	M8
	43~65	4AWG	10~25	9	M8
	54~80	4AWG	16~25	9	M8
	65~100	2AWG	25~35	9	M8
	85~125	1AWG	35~50	9	M8
	100~150	00AWG	35~70	9	M8
UKH(K)-220	65~100	2AWG	25~35	15	M10
	85~125	1AWG	35~50	15	M10
	100~160	00AWG	35~70	15	M10
	120~180	000AWG	50~95	15	M10
	160~240	250AWG	70~120	15	M10
UKH(K)-630	200~330	400AWG	95~185	23	M12
	300~500	N ^o 2 40 × 5	150~185	57	M16
	380~630	N ^o 2 40 × 5	150~185	57	M16

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