

LKH series Thermal Overload Relay

APPLICATION

The LKH protect the motors overload, locking, open phase (differential)

CHARACTERISTICS

Direct mounting structure

The TOR is mounting directly to the Magnetic Contactors without addition brackets.

(Applied model: LKH-22, 40, 85)

Safety cover

The finger proof safety cover prevent careless touch of electric conductor

(Applied mode: LKH-22, 40, 85)

Separation of power part and operation part

The main circuit and the operation part are separately designed and the operation part is commonly used in LKH-22, 40, 85

Easy operation



LKH-22



LKH-40



LKH-85

TYPES AND RATINGS

Ratings	Type	LKH-22			HUA-04			HUA-08		
		Nominal current			Ranges			Ranges		
		Min.	Mid.	Max.	Min.	Mid.	Max.	Min.	Mid.	Max.
Rated current (A)	0.14	0.1	0.14	0.16						
	0.21	0.16	0.21	0.25						
	0.33	0.25	0.33	0.4						
	0.52	0.4	0.52	0.63						
	0.82	0.63	0.82	1						
	1.3	1	1.3	1.6						
	2.1	1.6	2.1	2.5						
	3.3	2.5	3.3	4						
	5	4	5	6	4	5	6			
	6.5	5	6.5	8	5	6.5	8			
	7.5	6	7.5	9	6	7.5	9			
	8.5	7	8.5	10	7	8.5	10	7	8.5	10
	11	9	11	13	9	11	13	9	11	13
	15	12	15	18	12	15	18	12	15	18
	19	16	19	22	16	19	22	16	19	22
	22				18	22	26	18	22	26
	30				24	30	36	24	30	36
34				28	34	40	28	34	40	
42							34	42	50	
55							45	55	65	
65							54	65	75	
74							63	74	85	
Element No.	2 heaters	Standard			Standard			Standard		
	3 heaters	Option			Option			Option		
Aux. contact	1NO 1NC			1NO 1NC			1NO 1NC			
Reset type	Auto/Manual			Auto/Manual			Auto/Manual			
Power consumption	1.8VA/heater			2.0VA/heater			3.5VA/heater			
Dimension (mm) (W x H x D)	44 x 63 x 90			53 x 67 x 90			70 x 73 x 103			
Separate mounting unit	AZ-22H	AZ-22H			AZ-40H			AZ-85H		
	3 heaters	GTH-22/3			GTH-40/3			GTH-85/3		
Other model	Differential	GTK-22			GTK-40			GTK-85		
	Delay open	GTH-22/L			GTH-40/L			GTH-85/L		
Applied contactors	GMC-9, 12, 18, 22			GMC-32, 40			GMC-50, 65, 75, 85			
Applied switches	GMS-9, 12, 18, 22			GMS-32, 40			GMS-50, 65, 75, 85			