



DRH(K)-22

使用范围Application

DRH(GTH/K)系列热继电器适用于交流50/60Hz, 电压至690-1000V, 电流至630A的长期工作或间断长期工作的一般交流电动机的过载与断相保护, 具有断相保护, 温度补偿, 脱扣指示功能, 并能自动与手动复位, 可与接触器接插安装, 也可独立安装。本产品符合GB14048.4, IEC60947-4, VDE0660标准。

DRH(GTH/K) thermal relay is suitable for AC 50/60Hz, voltage up to 690-1000V and current up to 630A, general AC motor of long or discontinuous long operation, and trip indication. It can automatically and manually get back, phase protection, temperature compensation, and trip indication. It can automatically and manually get back. It can be fixed with contactor together, also be independently fixed. The product conforms to GB 14048.4, IEC60947-4 & VDE0660 standards.

DR H - 22 H / 3 L 5A

企业代号 company	用途区分 use type	框架电流 rated current	安装 installation	C数量 number	启用 use	额定电流 rated current
H	普通/标准型 normal fault phase	20 0.1~22A	插接型 connect	2个热元件 heat component	标准型 standard	小容量见表1 small capacity
		40 4~40A				
K	缺相保护型 standard fault phase	85 7~85A	独立安装型 Independent Install	3个热元件 heat component	L 延时型 delay	大容量见表2 big capacity
		100 34~120A				
		150 34~150A				



DRH(K)-40

接触器和热继电器对应表

接触器	热继电器
DRC1-9	DRH(K)-22
DRC1-12	
DRC1-18	
DRC1-22	
DRC1-32	DRH(K)-40
DRC1-40	
DRC1-50	DRH(K)-85
DRC1-65	
DRC1-75	
DRC1-85	DRH(K)-100
DRC1-100	
DRC1-125	

小容量				表1		大容量		表2	
0.14	0.1~0.16	8.5	7~10	41	34~50				
0.21	0.16~0.25	11	9~13	48	39~57				
0.33	0.25~0.4	15	12~18	56	43~65				
0.52	0.4~0.63	19	16~22	67	54~80				
0.82	0.63~1	22	18~26	80	65~100				
1.3	1~1.6	30	24~36	107	85~125				
2.1	1.6~2.5	34	28~40						
3.3	2.5~4	42	34~50						
5	4~6	55	45~65						
6.5	5~8	65	54~75						
7.5	6~9	74	63~85						

接触器和热继电器对应表

型号Type	额定工作电流 Rated operation current				
	AC15类负载Load			DC13类负载Load	
	110V	220V	550V	110V	110V
DRH-22,40,85	2.5(0.3)	2(0.3)	1(0.3)	0.28(0.28)	0.14(0.14)
DRH-100,125,150,220,400,600	2.5(0.3)	2(0.3)	1(0.3)	0.28(0.28)	0.14(0.14)



DRH(K)-85

型号及额定值



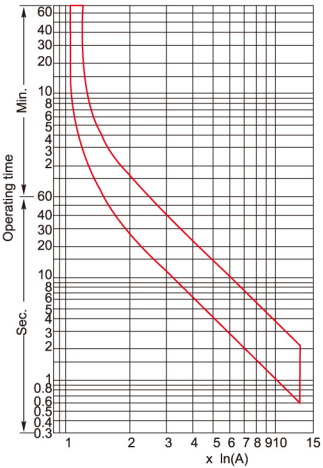
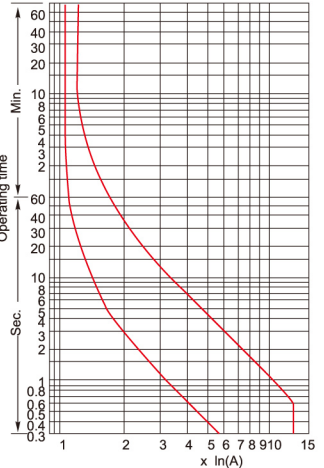
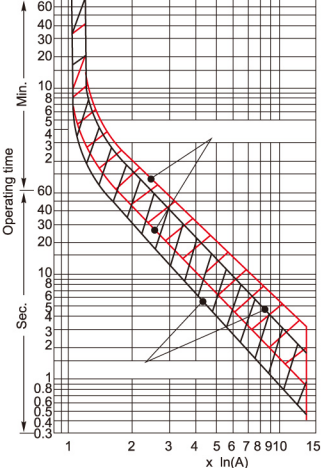
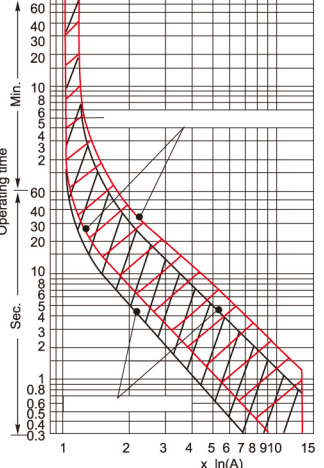
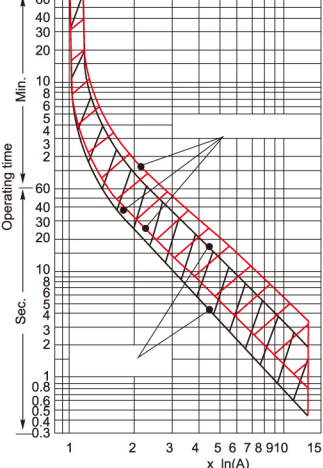
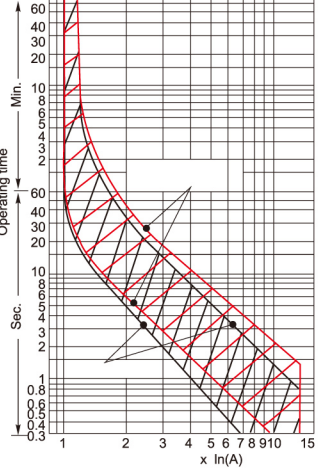
DRH(K)-100



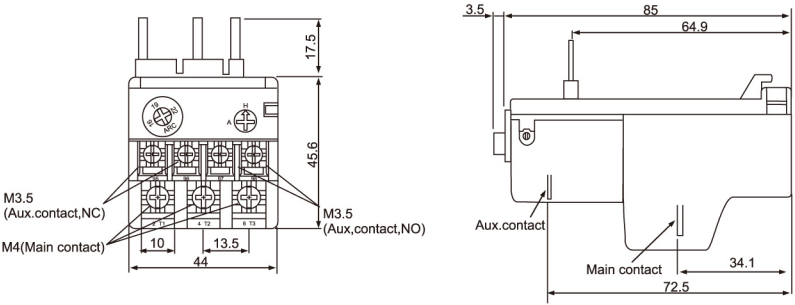
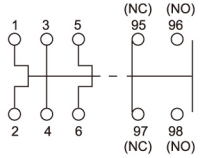
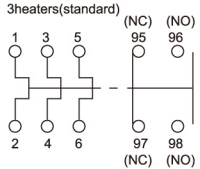
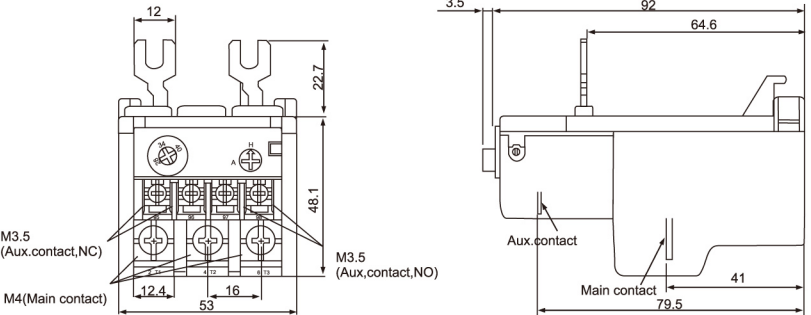
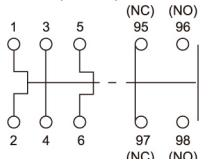
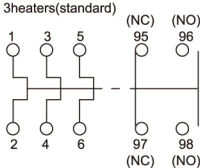
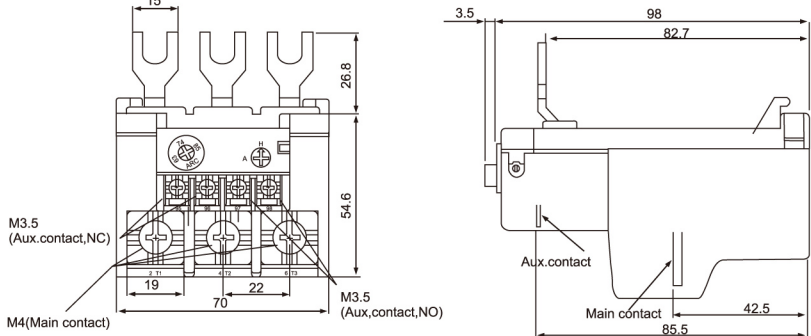
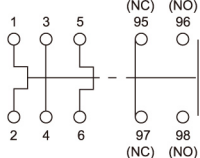
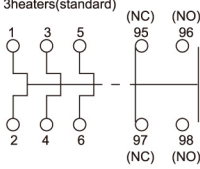
DRH(K)-150

型号 Type	编号 Number	额定电流范围(A)Setting range(A)	可插接安装的接触器 Contactors insert
		最小-中间-最大	
DRH(GTH)-22 DRK(GTK)-22	2201	0.1-0.14-0.16	DRC1-9 -12 -18 -22
	2202	0.16-0.21-0.25	
	2203	0.25-0.33-0.4	
	2204	0.4-0.52-0.63	
	2205	0.63-0.82-1	
	2206	1-1.3-1.6	
	2207	1.6-2.1-2.5	
	2208	2.5-3.3-4	
	2210	4-5-6	
	2212	5-6.5-8	
	2214	6-7.5-9	
	2216	7-8.5-10	
	2221	9-11-13	
	2222	12-15-18	
2223	16-19-22		
DRH(GTH)-40 DRK(GTK)-40	4024	4-5-6	DRC1-32 -40
	4025	5-6-8	
	4026	6-7.8-9	
	4027	7-8.5-10	
	4028	9-11-13	
	4029	12-15-18	
	4030	16-19-22	
	4031	18-22-26	
	4032	24-30-36	
	4033	28-34-40	
DRH(GTH)-85 DRK(GTK)-85	8534	7-8.5-10	DRC1-50 -65 -75 -85
	8535	9-11-13	
	8536	12-15-18	
	8537	16-19-22	
	8538	18-22-26	
	8539	24-30-36	
	8540	28-34-40	
	8541	34-42-50	
	8542	45-55-65	
	8543	54-65-75	
8544	63-74-85		
DRH(GTH)-100 DRK(GTK)-100	1001	34-42-50	DRC1-100 -125
	1002	45-55-65	
	1003	54-65-75	
	1004	63-74-85	
	1005	65-83-100	
	1006	85-105-125	
DRH(GTH)-150 DRK(GTK)-150	1501	34-42-50	DRC1-150
	1502	45-55-65	
	1503	54-65-75	
	1504	63-74-85	
	1505	65-83-100	
	1506	85-105-125	
	1507	100-125-150	

特点及曲线图(DRH-22~85)

型号	冷启动	热启动
DRH-22	 <p>Graph showing operating time (Min. and Sec.) versus $x \ln(A)$ for cold start of DRH-22. The y-axis ranges from 0.3 to 60 seconds, and the x-axis ranges from 1 to 15. Two curves are shown, both decreasing as $x \ln(A)$ increases.</p>	 <p>Graph showing operating time (Min. and Sec.) versus $x \ln(A)$ for hot start of DRH-22. The y-axis ranges from 0.3 to 60 seconds, and the x-axis ranges from 1 to 15. Two curves are shown, both decreasing as $x \ln(A)$ increases.</p>
DRH-40	 <p>Graph showing operating time (Min. and Sec.) versus $x \ln(A)$ for cold start of DRH-40. The y-axis ranges from 0.3 to 60 seconds, and the x-axis ranges from 1 to 15. Multiple curves are shown, all decreasing as $x \ln(A)$ increases.</p>	 <p>Graph showing operating time (Min. and Sec.) versus $x \ln(A)$ for hot start of DRH-40. The y-axis ranges from 0.3 to 60 seconds, and the x-axis ranges from 1 to 15. Multiple curves are shown, all decreasing as $x \ln(A)$ increases.</p>
DRH-85	 <p>Graph showing operating time (Min. and Sec.) versus $x \ln(A)$ for cold start of DRH-85. The y-axis ranges from 0.3 to 60 seconds, and the x-axis ranges from 1 to 15. Multiple curves are shown, all decreasing as $x \ln(A)$ increases.</p>	 <p>Graph showing operating time (Min. and Sec.) versus $x \ln(A)$ for hot start of DRH-85. The y-axis ranges from 0.3 to 60 seconds, and the x-axis ranges from 1 to 15. Multiple curves are shown, all decreasing as $x \ln(A)$ increases.</p>

热脱扣器温度校正曲线见图5

型号	外形尺寸	触点构造
DRH-22	 <p>M3.5 (Aux.contact,NC) M4(Main contact) M3.5 (Aux.contact,NO)</p>	<p>2heaters(standard)</p>  <p>3heaters(standard)</p>  <p>0.11Kg</p>
DRH-40	 <p>M3.5 (Aux.contact,NC) M4(Main contact) M3.5 (Aux.contact,NO)</p>	<p>2heaters(standard)</p>  <p>3heaters(standard)</p>  <p>0.17Kg</p>
DRH-85	 <p>M3.5 (Aux.contact,NC) M4(Main contact) M3.5 (Aux.contact,NO)</p>	<p>2heaters(standard)</p>  <p>3heaters(standard)</p>  <p>0.3Kg</p>