

Thermal overload relays for contactors from 0.16 to 850A

- Control circuit up to 690V AC
- Power circuit:
 - RT1, RT12: up to 690V
 - RT2, RT22, RT3, RT32, RT4/4L, RT5/5L & RT6/6L: up to 1000V
- Thermal protection against normal overloads.
- Three pole differential (phase unbalance protection).
- Protection against long starting times.
- Automatic ambient temperature compensation between -25°C +60°C.
- Front mounted test button.
- Trip indication.
- Independent auxiliary contacts with double rupture (1NO + 1NC).
- Function selector:
 - Manual RESET
 - Manual RESET and STOP
 - Automatic RESET with STOP
 - Automatic RESET without STOP

Standards

IEC/EN 60947-4-1	CSA 22.2/14
IEC/EN 60947-5-1	NI C 63-650
UNE 115	VDE 0660
NFC 63-650	UL 508
CEI 17-50	

Approvals/Marking



cULus



CE



Lloyd's Register



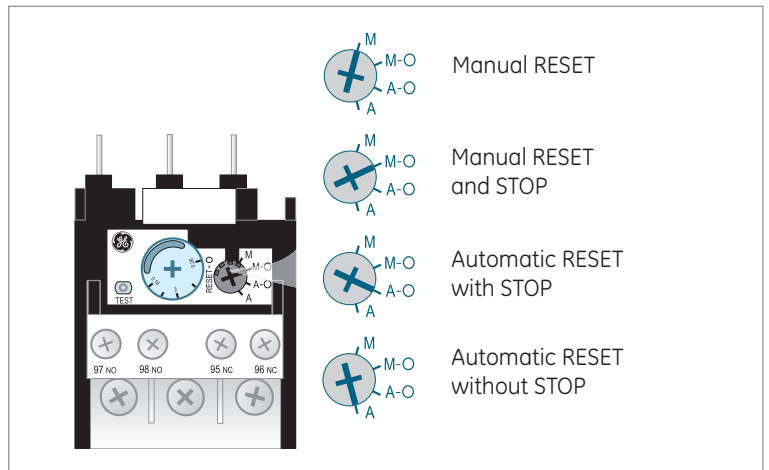
Bureau Veritas



RINA





(Contact GE for details)



Order codes ● page A.17
 Technical data ● page A.60
 Dimensions ● page A.64




Thermal overload relays for contactors

	For use with	Setting range (regulation)		Fuses ⁽¹⁾		Screw terminal		Ring terminal		Pack	
		Min. A	Max. A	AM	gL-GG	Cat. no.	Ref. no.	Cat. no.	Ref. no.		
		A	A	A	A						
	Class 10A	CL00	0.16	0.26	2	2	RT1B	113700	RT1RB	114087	5
		CL01	0.25	0.41	2	2	RT1C	113701	RT1RC	114131	5
		CL02	0.4	0.65	2	2	RT1D	113702	RT1RD	114089	5
		CL03	0.65	1.1	2	4	RT1F	113703	RT1RF	114090	5
		CL04	1.0	1.5	4	6	RT1G	113704	RT1RG	114091	5
		CL05	1.3	1.9	4	6	RT1H	113705	RT1RH	114092	5
			1.8	2.7	6	10	RT1J	113706	RT1RJ	114093	5
			2.5	4.1	8	16	RT1K	113707	RT1RK	114094	5
			4.0	6.3	12	20	RT1L	113708	RT1RL	114095	5
			5.5	8.5	16	20	RT1M	113709	RT1RM	114096	5
			8.0	12.0	20	25	RT1N	113710	RT1RN	114097	5
			10.0	16.0	25	35	RT1P	113711	RT1RP	114098	5
			14.5	18.0	32	50	RT1S	113712	RT1RS	114099	5
			17.5	22.0	40	50	RT1T	113713	RT1TR	114100	5
			21.0	26.0	40	63	RT1U	113714	RT1RU	114101	5
			25.0	32.0	50	80	RT1V	113715	RT1RV	114102	5
			30.0	40.0	63	100	RT1W	113716	RT1RW	114103	5
			Class 10	CL07	11.5	15.0	32	35	RT2A	113717	RT2RA
CL08	14.5			19.0	40	50	RT2B	113718	RT2RB	114132	1
CL09	18.5			25.0	50	63	RT2C	113719	RT2RC	114106	1
CL10	24.0			32.0	63	100	RT2D	113720	RT2RD	114133	1
EF50	30.0			43.0	80	125	RT2E	113721	RT2RE	114134	1
EF65	42.0			55.0	100	160	RT2G	113722	RT2RG	114109	1
EF80	54.0			65.0	125	160	RT2H	113723	RT2RH	114146	1
EF95	64.0			82.0	125	200	RT2J	113724	RT2RJ	114136	1
EF105	78.0			97.0	125	200	RT2L	113725	RT2RL	114235	1
	90.0			110	160	250	RT2M	113726	RT2RM	114113	1

(1) Most suitable fuse in accordance with IEC 60947-4-1.

Thermal overload relays for contactors (continued)

	For use with:	Setting range (regulation)		Fuses ⁽¹⁾		Screw terminal		Pack		
		Min. A	Max. A	AM	gL-GG	Cat. no.	Ref. no.			
		A	A	A	A					
	Class 10	Direct mounting	CK75	55	80	125	200	RT3B	113727	1
			CK08	63	90	125	200	RT3C	113728	1
				90	120	160	250	RT3D	113729	1
				110	140	200	315	RT3E	113730	1
				140	190	250	355	RT3F	113731	1
		CK85	120	190	250	315	RT4N	113732	1	
			CK09	175	280	315	400	RT4P	113733	1
			CK95 ⁽²⁾	200	310	400	500	RT4R	113734	1
		CK10	120	190	250	315	RT5A	113750	1	
			CK11	175	280	315	400	RT5B	113751	1
			CK12 ⁽²⁾	250	400	500	630	RT5C	113752	1
				315	500	630	800	RT5D	113753	1
	430		700	800	1000	RT5E	113754	1		
Class 20	Direct mounting	CK75	63	90	125	200	RT32C	113657	1	
		CK08	90	120	160	250	RT32D	113658	1	
			110	140	200	315	RT32E	113659	1	
			140	190	250	355	RT32F	113660	1	
Class 30	Mounting with screws	CL...	2.5	4	10	16	RT4LA	113735	1	
		CK...	4	6.5	12	20	RT4LB	113736	1	
			5.5	8.5	16	25	RT4LC	113737	1	
			7.5	11	20	32	RT4LD	113738	1	
			10	16	25	40	RT4LE	113739	1	
			12.5	20	32	50	RT4LF	113740	1	
			17	27	50	80	RT4LG	113741	1	
			26	40	80	125	RT4LH	113742	1	
			32	52	100	160	RT4LJ	113743	1	
			45	70	125	160	RT4LK	113744	1	
	CK85	60	90	160	200	RT4LL	113745	1		
		80	125	200	250	RT4LM	113746	1		
		CK85	120	190	250	315	RT4LN	113747	1	
		CK09	175	280	315	400	RT4LP	113748	1	
		CK95 ⁽²⁾	200	310	400	500	RT4LR	113749	1	
		CK10	120	190	250	315	RT5LA	113755	1	
			CK11	175	280	315	400	RT5LB	113756	1
			CK12 ⁽²⁾	250	400	500	630	RT5LC	113757	1
				315	500	630	800	RT5LD	113758	1
				430	700	800	1000	RT5LE	113759	1
CK13	500	850	1000	1250	RT6LA	113761	1			

(1) Most suitable fuse in accordance with IEC 60947-4-1.

(2) Fitting direct to the contactor: by means of a coupling and connection set.

Order codes

Intro

A

B

C

D

E

