

IEC Power Devices

IEC Contactors Thermal Overload Relays

C-2000

Overload Relays

Fixed Heater

C2000 RT overload relays provide motor overload protection through fixed bimetal heaters. These relays are ambient compensated and utilize a differential mechanism for single-phase sensitivity. The trip setting is adjustable for the range listed.

Overload relays may be set for 4 different operational modes—manual reset only, automatic reset only, manual reset/stop, or automatic reset/stop. Stop is initiated by pushing the reset button which interrupts the holding circuit in the latter two listed modes.

Overload relays feature visible trip indication, reset on the upstroke, weld check, and trip test.

Reference Publications

Instructions	
GEH-6237	RT1* (Class 10) Overload
DEH-040	RT12* (Class 20) Overload
GEH-6238	RT2* (Class 10) Overload
DEH-041	RT22* (Class 20) Overload
GEH-6239	RT3* (Class 10) Overload
DEH-042	RT32* (Class 20) Overload
GEH-6240	RT4* (Class 10, 30) Overload
GEH-6241	RT5* (Class 10, 30) Overload
GEH-5520	RT5 Overload Connection Kit
DEH-055	Remote Electrical Reset



RT1 Overload Relay



RT2 Overload Relay



RT3 Overload Relay



RT4 Overload Relay



RT5 Overload Relay



Publications and Reference: See Section 17 for a complete list of additional product-related publications

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Section 5

RT1 - Direct Mount Manual

Overload Relay for use with Contactors ¹	Current Range Amps (min-max)	Reset Type	Trip Class	Maximum Fuse Rating Amps	Maximum Circuit Breaker Rating Amps	Product Number	List Price GO-10C2
CL00, CL01, CL02, CL25, CL04, CL45	0.16-0.26	Manual	Class 10	1	15	RTN1B	\$55.00
CL00, CL01, CL02, CL25, CL04, CL45	0.25-0.41	Manual	Class 10	1	15	RTN1C	\$55.00
CL00, CL01, CL02, CL25, CL04, CL45	0.4-0.65	Manual	Class 10	3	15	RTN1D	\$55.00
CL00, CL01, CL02, CL25, CL04, CL45	0.65-1.1	Manual	Class 10	6	15	RTN1F	\$55.00
CL00, CL01, CL02, CL25, CL04, CL45	1-1.5	Manual	Class 10	6	15	RTN1G	\$55.00
CL00, CL01, CL02, CL25, CL04, CL45	1.3-1.9	Manual	Class 10	6	15	RTN1H	\$55.00
CL00, CL01, CL02, CL25, CL04, CL45	1.8-2.7	Manual	Class 10	10	15	RTN1J	\$55.00
CL00, CL01, CL02, CL25, CL04, CL45	2.5-4.1	Manual	Class 10	15	15	RTN1K	\$55.00
CL00, CL01, CL02, CL25, CL04, CL45	4-6.3	Manual	Class 10	20	15	RTN1L	\$55.00
CL00, CL01, CL02, CL25, CL04, CL45	5.5-8.5	Manual	Class 10	25	15	RTN1M	\$57.00
CL00, CL01, CL02, CL25, CL04, CL45	8.0-12.0	Manual	Class 10	40	30	RTN1N	\$57.00
CL01, CL02, CL25, CL04, CL45	10.0-16.0	Manual	Class 10	50	35	RTN1P	\$57.00
CL02, CL25, CL04, CL45	14.5-18	Manual	Class 10	60	40	RTN1S	\$57.00
CL25, CL04, CL45	17.5-22	Manual	Class 10	70	50	RTN1T	\$57.00
CL04, CL45	21-26	Manual	Class 10	80	60	RTN1U	\$57.00
CL04, CL45	25-32	Manual	Class 10	100	80	RTN1V	\$65.00
CL45	30-40	Manual	Class 10	100	80	RTN1W	\$78.00

RT1 - Direct Mount Manual/Auto

Overload Relay for use with Contactors ¹	Current Range Amps (min-max)	Reset Type	Trip Class	Maximum Fuse Rating Amps	Maximum Circuit Breaker Rating Amps	Product Number	List Price GO-10C2
CL00, CL01, CL02, CL25, CL04, CL45	0.16-0.26	Manual/Auto w/wo stop	Class 10	1	15	RT1B	\$55.00
CL00, CL01, CL02, CL25, CL04, CL45	0.25-0.41	Manual/Auto w/wo stop	Class 10	1	15	RT1C	\$55.00
CL00, CL01, CL02, CL25, CL04, CL45	0.4-0.65	Manual/Auto w/wo stop	Class 10	3	15	RT1D	\$55.00
CL00, CL01, CL02, CL25, CL04, CL45	0.65-1.1	Manual/Auto w/wo stop	Class 10	6	15	RT1F	\$55.00
CL00, CL01, CL02, CL25, CL04, CL45	1-1.5	Manual/Auto w/wo stop	Class 10	6	15	RT1G	\$55.00
CL00, CL01, CL02, CL25, CL04, CL45	1.3-1.9	Manual/Auto w/wo stop	Class 10	6	15	RT1H	\$55.00
CL00, CL01, CL02, CL25, CL04, CL45	1.8-2.7	Manual/Auto w/wo stop	Class 10	10	15	RT1J	\$55.00
CL00, CL01, CL02, CL25, CL04, CL45	2.5-4.1	Manual/Auto w/wo stop	Class 10	15	15	RT1K	\$55.00
CL00, CL01, CL02, CL25, CL04, CL45	4-6.3	Manual/Auto w/wo stop	Class 10	20	15	RT1L	\$55.00
CL00, CL01, CL02, CL25, CL04, CL45	5.5-8.5	Manual/Auto w/wo stop	Class 10	25	15	RT1M	\$57.00
CL01, CL02, CL25, CL04, CL45	10.0-16.0	Manual/Auto w/wo stop	Class 10	50	35	RT1P	\$57.00
CL01, CL02, CL25, CL04, CL45	10.0-16.0	Manual/Auto w/wo stop	Class 10	50	35	RT1P	\$57.00
CL02, CL25, CL04, CL45	14.5-18	Manual/Auto w/wo stop	Class 10	60	40	RT1S	\$57.00
CL25, CL04, CL45	17.5-22	Manual/Auto w/wo stop	Class 10	70	50	RT1T	\$57.00
CL04, CL45	21-26	Manual/Auto w/wo stop	Class 10	80	60	RT1U	\$57.00
CL04, CL45	25-32	Manual/Auto w/wo stop	Class 10	100	80	RT1V	\$65.00

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Product Number Selection Instructions: See page 5-37