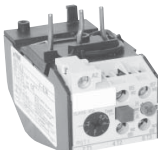


RSTM	Ordering codes	Adjustment rated range [A]	Fuse links [A]		Contactor application	Weight [kg]
			IEC947 - 4			
			"1"	"2"		
NEW product 	RSTM-0V16	0,1 - 0,16	25	0,5	CRMI05 CRMI09	0,14
	RSTM-0V25	0,16 - 0,25	25	1		
	RSTM-0V4	0,25 - 0,4	25	1,6		
	RSTM-0V63	0,4 - 0,63	25	2		
	RSTM-1	0,63 - 1	25	4		
	RSTM-1V25	0,8 - 1,25	25	4		
	RSTM-1V6	1 - 1,6	25	6		
	RSTM-2	1,25 - 2	25	6		
	RSTM-2V5	1,6 - 2,5	25	6		
	RSTM-3V2	2 - 3,2	25	10		
	RSTM-4	2,5 - 4	25	10		
	RSTM-5	3,2 - 5	25	10		
	RSTM-6V3	4 - 6,3	25	10		
	RSTM-8	5 - 8	25	10		
	RSTM-10	6,3 - 10	25	10		

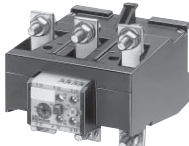
RSTN1	Ordering codes	Adjustment rated range [A]	Fuse links [A]		Contactor application	Weight [kg]
			IEC947 - 4			
			"1"	"2"		
NEW product 	RSTN1-0V6	0,1 - 0,16	35	0,5	CRNI09 CRNI12	0,14
	RSTN1-0V25	0,16 - 0,25	35	1		
	RSTN1-0V4	0,25 - 0,4	35	1,6		
	RSTN1-0V63	0,4 - 0,63	35	2		
	RSTN1-1	0,63 - 1	35	4		
	RSTN1-1V25	0,8 - 1,25	35	4		
	RSTN1-1V6	1 - 1,6	35	6		
	RSTN1-2	1,25 - 2	35	6		
	RSTN1-2V5	1,6 - 2,5	35	6		
	RSTN1-3V2	2 - 3,2	35	10		
	RSTN1-4	2,5 - 4	35	10		
	RSTN1-5	3,2 - 5	35	16		
	RSTN1-6V3	4 - 6,3	35	16		
	RSTN1-8	5 - 8	35	20		
	RSTN1-10	6,3 - 10	35	25		
	RSTN1-12V5	8 - 12,5	35	25		
	RSTN1-14V5	10 - 14,5	35	25		

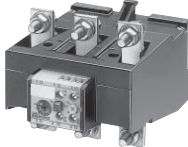
RSTN2	Ordering codes	Adjustment rated range [A]	Fuse links [A]		Contactor application	Weight [kg]
			IEC947 - 4			
			"1"	"2"		
NEW product 	RSTN2-6V3	4 - 6,3	63	16	CRNI16 CRNI22	0,14
	RSTN2-8	5 - 8	63	20		
	RSTN2-10	6,3 - 10	63	25		
	RSTN2-12V5	8 - 12,5	63	25		
	RSTN2-16	10 - 16	63	35		
	RSTN2-20	12,5 - 20	63	35		
	RSTN2-25	16 - 25	63	50		

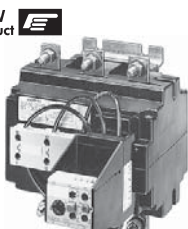
RSTN3	Ordering codes	Adjustment rated range [A]	Fuse links [A]		Contactor application	Weight [kg]
			IEC947 - 4			
			"1"	"2"		
NEW product 	RSTN3-12V5	8 - 12,5	100	25	CRNI32 CRNI38	0,20
	RSTN3-16	10 - 16	100	35		
	RSTN3-20	12,5 - 20	100	50		
	RSTN3-25	16 - 25	100	50		
	RSTN3-32	20 - 32	100	80		
	RSTN3-36	25 - 36	100	80		
	RSTN3-40	32 - 40	100	80		
	RSTN3-45	36 - 45	100	80		

RSTN4	Ordering codes	Adjustment rated range [A]	Fuse links [A]		Contactor application	Masa [kg]
			IEC947 - 4			
			"1"	"2"		
NEW product 	RSTN4-20	12,5 - 20	160	50	CRNI45	0,40
	RSTN4-25	16 - 25	160	50	CRNI63	
	RSTN4-32	20 - 32	160	63	CRNI75	
	RSTN4-40	25 - 40	160	80	CRNI85	
	RSTN4-50	32 - 50	160	100		
	RSTN4-57	40 - 57	160	100		
	RSTN4-63	50 - 63	160	100		
	RSTN4-70	57 - 70	160	125		
	RSTN4-80	63 - 80	250	160		
	RSTN4-88	70 - 88	250	160		

RSTL1	Ordering codes	Adjustment rated range [A]	Fuse links [A]		Contactor application	Weight [kg]
			IEC947 - 4			
			"1"	"2"		
NEW product 	RSTL1-80	55-80	250	160	CRLI110	0,70
	RSTL1-90	63-90	250	160		
	RSTL1-110	80-110	315	200		
	RSTL1-120	90-120	315	224		
	RSTL1-135	110-135	315	224		

RSTL2	Ordering codes	Adjustment rated range [A]	Fuse links [A]		Contactor application	Weight [kg]
			IEC947 - 4			
			"1"	"2"		
NEW product 	RSTL2-80	55-80	250	160	CRLI140	0,70
	RSTL2-90	63-90	250	160		
	RSTL2-110	80-110	315	200		
	RSTL2-120	90-120	315	224		
	RSTL2-135	110-135	315	224		
	RSTL2-150	120-150	315	224		

RSTL3	Ordering codes	Adjustment rated range [A]	Fuse links [A]		Contactor application	Weight [kg]
			IEC947 - 4			
			"1"	"2"		
NEW product 	RSTL3-80	55 - 80	250	160	CRLI170 CRLI205	0,70
	RSTL3-90	63 - 90	250	160		
	RSTL3-110	80 - 110	315	200		
	RSTL3-120	90 - 120	315	224		
	RSTL3-135	110 - 135	315	224		
	RSTL3-150	120 - 150	315	224		
	RSTL3-160	135 - 160	355	224		
	RSTL3-180	150 - 180	355	224		

RSTL4	Ordering codes	Adjustment rated range [A]	Fuse links [A]		Contactor application	Weight [kg]
			IEC947 - 4			
			"1"	"2"		
NEW product 	RSTL4-125	80 - 125	500	250	CRLI250	2,50
	RSTL4-200	125 - 200	500	315	CRLI300	
	RSTL4-250	160 - 250	500	400	CRLI400	
	RSTL4-320	200 - 320	500	400		
	RSTL4-400	250 - 400	800	500		

Add-on blocks for independent mounting of thermal overload relays

	Ordering codes	Name	Contactor application	Weight [kg]
NEW product  	CRI-310	Module for RSTM - for installing as a single unit, this module includes screw terminals	CRM105, CRM109	0,01
	CRI-320	Relay base for RSTN1 - for installing as a single unit	CRNI09, CRNI12	0,05
NEW product  	CRI-330	Relay base for RSTN2 - for installing as a single unit	CRNI16, CRNI22	0,05
	CRI-340	Relay base for RSTN3 - for installing as a single unit	CRNI32, CRNI38	0,05
	CRI-350	Relay base for RSTN4 - for installing as a single unit	CRNI45, CRNI63, CRNI75, CRNI85	0,05
	CRI-360	Box terminal block for RSTL1 - for installing as a single unit	CRLI110	0,2
NEW product  	CRI-370	Current links ❶ for RSTL2, RSTL3 - for connections to contactors	CRLI140, CRLI170	
	CRI-382	Current links ❶ for RSTL3, RSTL4 - for connections to contactors	CRLI205, CRLI250	
	CRI-390	Current links ❶ for RSTL4 - for connections to contactors	CRLI250, CRLI300, CRLI400	

❶ Set - 3 pieces

Technical data for release times up to 10 s according to PN-EN 60947-1

Type of thermal overload relay	RSTM	RSTN1 / RSTN2	RSTN3	RSTN4	RSTL1	RSTL2 / RSTL3	RSTL4
Release time classification	Class 10 A (2 s < t _A ≤ 10 s at 7,2 x I _e from cold state and t _A ≤ 2 min. at 1,5 x I _e from hot state)						
Phase failure protection by differential phase shift	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Changeover to automatic reset	No	Yes	Yes	Yes	Yes	Yes	Yes
RESET button with trip-free feature	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Temperature compensation	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Switch position indicator	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Test button actuates the NO and NC contacts	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Terminal for contactor coil	No ②	Yes	Yes	No ②	No ②	No ②	No ②
Ambient temperature [°C]	-25...+55 ①	-25...+55					
Degree of protection	IP 00 (open) or IP 20 to PN-EN 60947-1 and DIN 40050						
Shock resistance [g/ms]	8/10						
Operating / main circuit							
Rated current [A]	10	14,5 / 25	45	88	135	150 / 180	400
Rated voltage [V AC]	600	600	600	600	600	600	600
Rated impulse strength U _{imp} [kV]	6	6	6	8	8	8	8
Rated voltage of insulation U _i [V] ③	690	690	690	1000	1000	1000	1000
Type and frequency of current	DC, AC up to 400 Hz						AC up to 400 Hz
Conductor cross-sections							
Terminal screw	M3	M4	M5	M5	M6	M8	M8 / M10 ④
• solid or stranded [mm²]	0,5 to 2,5	2,5 to 6	1,5 to 25	2,5 to 35	25 to 70	50 to 120	185 / 240 ④
• finely stranded with end sleeve [mm²]	0,5 to 1,5	1,5 to 4	1 to 16	1,5 to 25	25 to 50	25 to 95	–
• flat bars [mm]	–	–	–	–	–	20×3	20×3 / 20×3×5 ④
• tightening torque [Nm]	0,4 to 0,7	1 to 1,5	2,5 to 3	2,5 to 3	6 to 8	10 to 14	10 to 14 / 14 to 24 ④
• tightening torque [lb.in]	4 to 6,5	9 to 13	22 to 26,5	22 to 26,5	52 to 50	89 to 124	89 to 124 / 124 to 210 ④
Max. power loss per current path							
• at lowest value [W (VA)]	0,6	0,9	1,2	2,6	5	5	4 (5)
• at highest value of the setting range [W (VA)]	2,3	2,25	3	4	7	7 / –	10 (12)
Auxiliary circuit							
Auxiliary contacts	1NO + 1NC / 1NC	1NO + 1NC / 1 changeover			1NO + 1NC		
Conductor cross-sections							
Terminal screw	M3	M3,5					
• solid or stranded [mm²]	2×(0,5 to 2,5)	2×(0,5 to 1) / 2×(1 to 2,5)					
• finely stranded with end sleeve [mm²]	2×(0,5 to 1,5)	2×(0,5 to 1) / 2×(0,75 to 2,5)					
• tightening torque [Nm]	0,4 to 0,7	0,8 to 1,4					
• tightening torque [lb.in]	4 to 6,5	7 to 12					
Rated voltage [V AC]	600; > 150 same polarity						
Rated impulse strength U _{imp} [kV]	6						
Rated voltage of insulation U _i [V] ③	690 	400 Unequal potential (NO + NC) 	690 Equal potential (NO + NC connected as changeover contact) 				
Switching capacity	B 600, R 300						
	AC15			DC13			
• rated operating voltage U _e [V]	24	60	125	230	400	500	690
• rated operating current I _e [A]	2	1,5	1,25	1,15	1,1	1	0,8
• conventional thermal current I _{th} [A]	6						
Short-circuit protection	Fusses Class gL/gG - 6 A						

② Terminal for contactor coil is not required.

③ Pollution degree 3

④ Setting range ($\leq 200 \text{ A}$ / $> 200 \text{ A}$)

① The upper set value of thermal current is to be reduced by 0,5% per 1 °C of excess temperature or a min. space of 5 mm is to be maintained the units when several overload relays are series mounted and simultaneously operated at ambient temperatures exceeding 25 °C.

Release time

Adjustment rated range [A]	Conductor cross-sections [mm²]	Release time (±20%) with three-pole symmetrical load form the cold state. Adjusted current multiplication factor (x I _e) [s]					
		3	4	5	6	7,2	8
RSTM							
0,1 - 0,16	1	23,8	14,5	10,5	8,3	6,8	5,8
0,16 - 0,25	1	22,5	14	10,1	8	6,5	5,5
0,25 - 0,4	1	22,8	14	10	7,8	6,3	5,4
0,4 - 0,63	1	23,5	14,1	10,2	8	6,5	5,6
0,63 - 1	1	25	15	10,8	8,3	6,8	5,7
0,8 - 1,25	1	27,5	16,7	11,8	9	7,2	6
1 - 1,6	1	25	15,5	11	8,6	7	5,9
1,25 - 2	1	26,5	17	12,7	10	8,4	7,2
1,6 - 2,5	1	27,4	17,3	12,7	10	8,3	7,2
2 - 3,2	1	29,5	18	12,9	10	8,1	6,7
2,5 - 4	1	28,5	17,5	12,4	9,6	7,8	6,5
3,2 - 5	1	29	17,6	12,3	9,5	7,5	6,3
4 - 6,3	1	28,5	17	11,9	9	7,2	5,8
5 - 8	1	29	17,5	12	9	7,1	5,8
6,3 - 10	1,5	25	14,1	9,4	6,8	5,2	4,2
RSTN1							
0,1 - 0,16	1	16,7	10,3	7,5	5,9	4,8	4,1
0,16 - 0,25	1	20,5	12,8	9,5	7,5	6,3	5,4
0,25 - 0,4	1	18	11,2	8,2	6,5	5,4	4,6
0,4 - 0,63	1	20,8	12,8	9,5	7,6	6,3	5,4
0,63 - 1	1	23,3	14,4	10,5	8,3	6,8	5,8
0,8 - 1,25	1	28	17,5	12,7	9,8	8,1	6,8
1 - 1,6	1	22,6	14,3	10,4	8,3	6,8	5,9
1,25 - 2	1	22,3	14	10,3	8,4	6,9	6,0
1,6 - 2,5	1	24,5	15,5	11,5	9	7,5	6,4
2 - 3,2	1	23,8	15	11	8,8	7,3	6,3
2,5 - 4	1	24,4	15,6	11,4	9,1	7,6	6,5
3,2 - 5	1	27,5	17	12,2	9,5	7,8	6,5
4 - 6,3	1	23,4	14,4	10,4	8	6,5	5,5
5 - 8	1	22,5	13,5	9,5	7,2	5,7	4,7
6,3 - 10	1,5	24	13,9	9,3	6,8	5,3	4,3
8 - 12,5	2,5	24,5	14,8	10,2	7,8	6,2	5,2
10 - 14,5	2,5	23,2	13,9	9,5	7,2	5,6	4,6
RSTN2							
4 - 6,3	1	23,4	14,4	10,4	8	6,5	5,5
5 - 8	1	22,5	13,5	9,5	7,2	5,7	4,7
6,3 - 10	1,5	24	13,9	9,3	6,8	5,3	4,3
8 - 12,5	2,5	24,5	14,8	10,2	7,8	6,2	5,2
10 - 16	2,5	23,2	13,9	9,5	7,2	5,6	4,6
12,5 - 20	2,5	23	13	8,6	6,3	4,8	3,9
16 - 25	4	31	17	11	7,7	5,8	4,6
RSTN3							
8 - 12,5	2,5	24,5	14,8	10,2	7,8	6,2	5,2
10 - 16	2,5	26,2	15,8	10,8	8,1	6,4	5,2
12,5 - 20	2,5	26,6	14,8	9,7	7	5,3	4,3
16 - 25	4	29	15,4	9,8	7	15,3	4,2
20 - 32	6	28	16,1	10,8	8,2	6,3	5,2
25 - 36	10	33,4	19	12,8	9,3	7,2	5,8
32 - 40	10	24,3	13,6	8,8	6,6	5	4,2
36 - 45	10	23	13	8,5	6,2	4,5	3,3

Release time

Adjustment rated range [A]	Conductor cross-sections [mm²]	Release time (±20%) with three-pole symmetrical load form the cold state. Adjusted current multiplication factor (x I _e) [s]					
		3	4	5	6	7,2	8
RSTN4							
12,5-20							
16 - 25	4	34	19,5	13,2	9,7	7,6	6,2
20 - 32	6	33	18,5	12,8	9,4	7,4	6
25 - 40	10	30	17	11,5	8,4	6,5	5,3
32 - 50	10	29	16,6	11	8	6,2	5
40 - 57	16	35	19,4	12,3	8,7	6,6	5,3
50 - 63	16	37	20,5	13,3	9,6	7,3	5,8
57 - 70	25	40	21,5	14	9,8	7,4	5,8
63 - 80	25	40	21,5	13,8	9,7	7,3	5,8
70 - 88	35	33,9	17,6	11,8	8	6,5	4,9
RSTL1, RSTL2, RSTL3							
55 - 80	25	36	21	13,5	9,8	7,5	6,1
63 - 90	35	44	24	15,5	11	8,5	6,7
80 - 110	35	43	22	14	10	7,7	6,1
90 - 120	50	40	21,8	14	10	7,5	5,9
110 - 135	50	32	18	11,7	8,4	6,4	5,1
120 - 150	50	35	19,5	12,8	9,4	7,2	5,8
135 - 160	70	38	20,6	13,8	10	7,6	6,2
150 - 180	95	37	20,5	13,5	9,7	7,4	6,0
RSTL4							
80 - 125	50	25	16,8	13,1	11,1	9,9	9,1
125 - 200	95	24,4	16,1	11,9	9,8	8,4	7,4
160 - 250	120	23,8	13,9	10,3	8,5	7,3	6,5
200 - 320	185	25,6	15,5	10,9	8,5	7	6,4
250 - 400	240	25	15	10,5	8,5	7	6,2

Protection characteristics

Item No.	Adjusted current multiplication factor		Release time	Test condition
1	1,05		> 2 h ❶	Cold state
2	1,20		< 2 h ❶	Hot state
3	1,50		< 2 min. ❶	Pre-heated for 2 hours with 1 adjusted current multiplication factor
4	7,2		2 s < T _p < 10 s, Class 10 A	Cold state
	Hot state means heat the thermal overload relay into steady state with the current as shown in "Item No. 1".			
	Adjusted current multiplication factor		Release time	Test condition
	Any two phases	Another phase		
5	1,0	0,9	> 2 h ❷	Cold state
6	1,15	0	> 2 h ❷	Hot state
	Hot state means heat the thermal overload relay into steady state with the current as shown in "Item No. 1".			

❶ Release time with three-pole symmetrical load at ambient temperature +20 °C

❷ Release time with three-pole unsymmetrical load (phase-failure) at ambient temperature +20 °C

Tripping characteristics

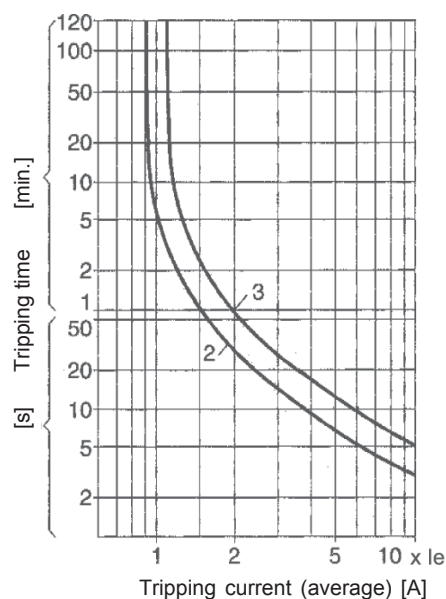
The current-time curves show the relationship between the tripping time from cold state and multiples of the set current I_e . When the relay is at operating temperature and carrying $1,0 \times I_e$, the tripping times are reduced to approximately 25%.

Tripping curve 3 is applicable to three-pole loads and curve 2 to two-pole loads. For single-pole loads the tripping curves lie between curves 2 and 3. For normal operation, all three bimetallic strips of the overload relay must be heated.

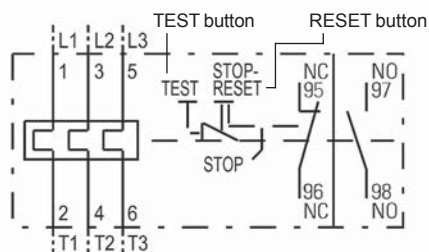
The thermal overload relays **RSTM**, **RSTN**, **RSTL** are suitable for protecting motors with phase control. For protecting single-phase or DC-loads, therefore, all three main conducting paths must be connected in series. Tripping curve 3 is then applicable.

The release current with a three-pole symmetrical load is between 105% and 120% of the set current.

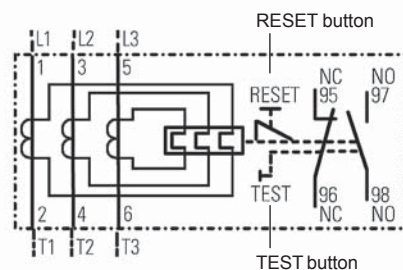
Fig. Typical tripping characteristics



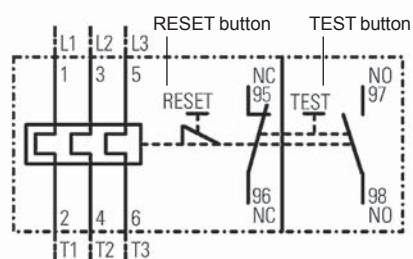
Internal connections diagrams



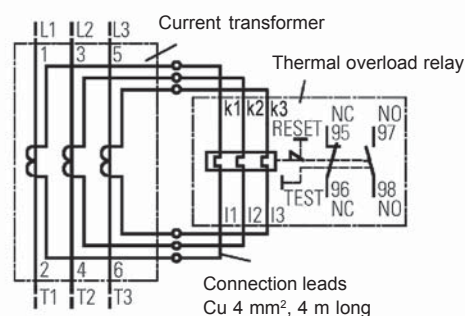
RSTM



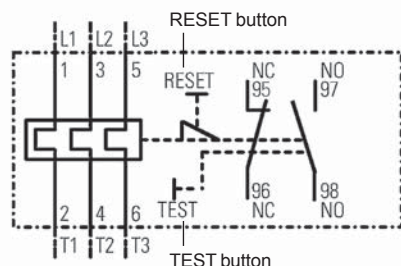
RSTL4



RSTN1, RSTN2



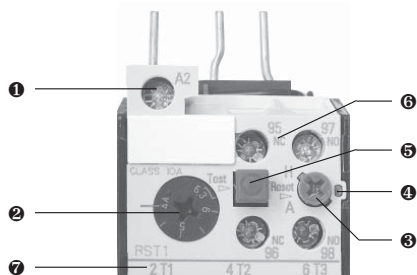
RSTL4 separate mounting of current transformer and thermal overload relay



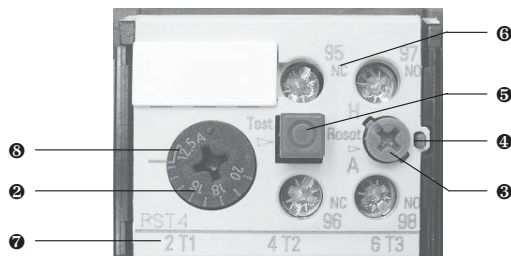
**RSTN3, RSTN4,
RSTL1, RSTL2, RSTL3**

Installation

1. Marks on panel (marks on thermal overload relays).



Panel RSTN1, RSTN2, RSTN3



Panel RSTN4, RSTL1, RSTL2, RSTL3, RSTL4

- 1 Terminal A2 must be connected for contactor coil terminal A2 before connection of overload relay to contactor (mounted device make connect of wire to contactor terminal A2 impossible). Overload relay terminal A2 and contactor terminal A1 are used to coil supply.
- 2 Setting current adjusting scale.
- 3 RESET button (blue): H - manual, A - automatic.
- 4 Switch position indicator (green). Indicator operates in the mode of manual relay resetting.
- 5 TEST button (red).
- 6 Auxiliary contacts terminals.
- 7 Main circuit connection terminal No. It must correspond with terminal No. of contactor.
- 8 In case of separate mounting of RSTL and ambient temperature higher than +55 °C there must to set a correction relay setting current. The table show indicators of maximum current value which are refer to higher value relay setting dependent on ambient temperature and additionally there show factors of current corrections. Below there show examples of setting current calculation for ambient temperature +70 °C.

Ambient temperature	Maximum permissible current loading referred to end-of-scale value of thermal overload relay	Setting current correction
+55 °C	1,00	1,00
+60 °C	0,94	1,08
+65 °C	0,88	1,09
+75 °C	0,82	1,10

Example:

Motor rated current: 60 A. Ambient temperature: +70 °C.
Overload relay fitted: 55 to 80 A.

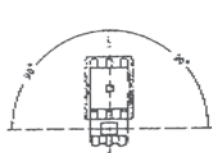
1. Determine the permissible current loading:

Max. current loading: $80 \text{ A} \times 0,82 = 65,6 \text{ A}$.
Loading with motor rated current 60 A at +70 °C ambient temperature is permissible.

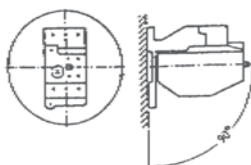
2. Calculate the setting current:

Motor rated current: 60 A.
Setting current correction: $60 \text{ A} \times 1,1 = 66 \text{ A}$.
You must set the overload relay to 66 A.

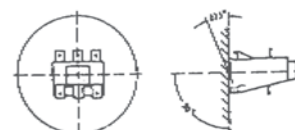
2. Set the scale to the rated current of the load 2.
3. If the reset button points to H (manual) and the relay has been tripped, pressing the button puts the relay in operation again. Changing to automatic reset by pressing and turning the button anti-clock wise from H to A.
4. When the test button is actuated, the NC contact opens and the NO contact closes, therefore the auxiliary circuit (simulation of overload tripping) can be tested. In the "manual" position, the relay is resetted when the blue reset button is pressed. In the "automatic" position, the relay is reset automatically. **In the automatic mode, there is a risk of self-switching.**
5. Mounting and operating position, the relays are shown in drawings.



Thermal overload relay
with CRNI contactor

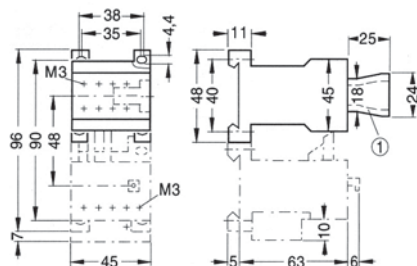


Thermal overload relay
with CRI-320 to CRI-350 relay base
- for installing as a single unit

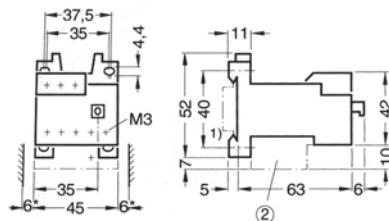


Tripping relay
to be installed as a single unit

Dimensions

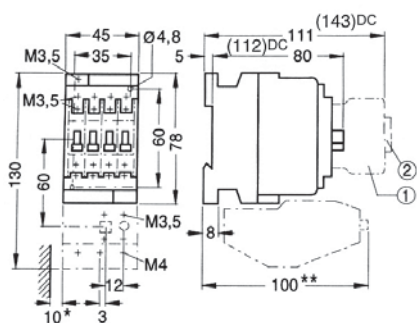


RSTM + CRMI05 or CRMI09 mini-contactor

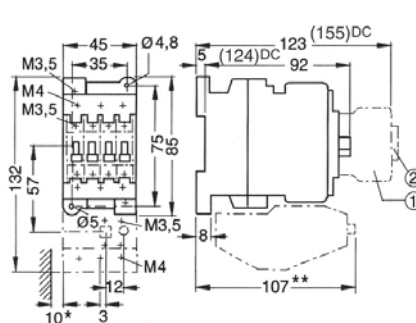


RSTM to be installed as a single unit

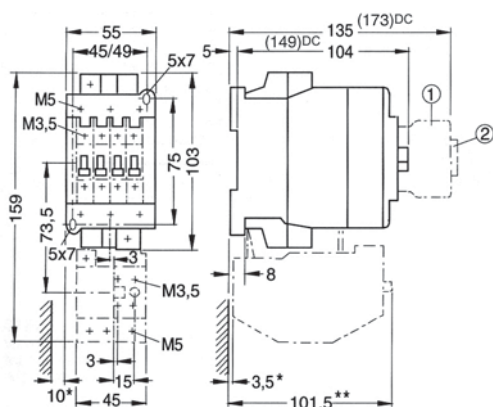
- ① Auxiliary contacts type CRI10-..
- ② Auxiliary contacts for mini-controllers



RSTN1 + CRNI09 or CRNI12 contactor

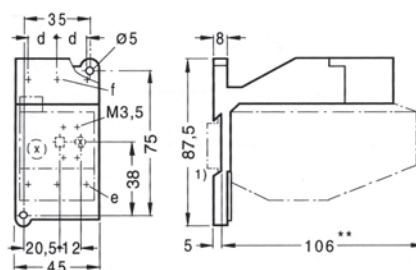


RSTN2 + CRNI16 or CRNI22 contactor



RSTN3 + CRNI32 or CRNI38 contactor

- ① Auxiliary contacts type CRI20-..
- ② Description plate



RSTN1 or RSTN2 or RSTN3
+ relay base for installing as a single unit

Thermal overload relay with relay base	d	e	f
RSTN1 with CRI-320	10	M4	M3,5
RSTN2 with CRI-330	14,3	M4	M4
RSTN3 with CRI-340	18,2	M5	M5

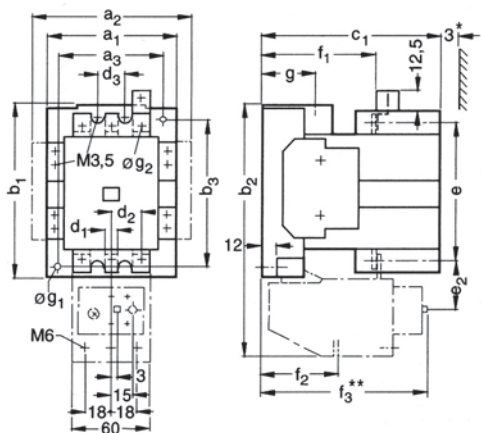
() DC - dimensions of contactor (DC control)

*) Minimum clearance from the earthed parts.

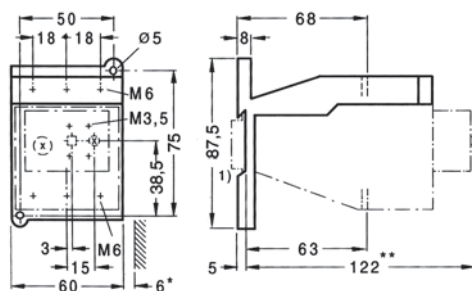
**) Dimension for the square OFF button (stroke 3 mm).
Dimension for the round RESET button (stroke 2,5 mm) less 2,5 mm.

1) For mounting on 35 mm DIN rail mount, EN 50022.

Dimensions

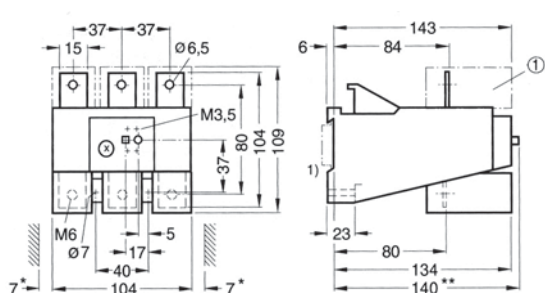


RSTN4 + CRNI45 to CRNI85 contactor



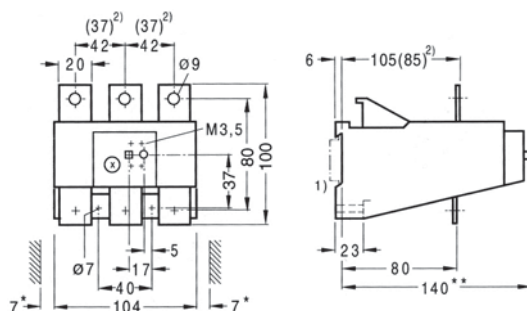
RSTN4 + relay base CRI-350 for installing as a single unit

Type	a ₁	a ₂	a ₃	b ₁	b ₂	b ₃	c ₁	d ₁	d ₂	d ₃	e	e ₂	f ₁	f ₂	f ₃	g	Øg ₁	Øg ₂
CRNI45, CRNI63	90	113	70	117	175	100	123	10,5	26,5	25	94	31,5	80	63	122	28	4,8	6,1 (M6)
CRNI75, CRNI85	100	123	80	133	194	110	140	10,5	26,5	25	107	31,5	89	71	132	39	5,5	6,1 (M6)



RSTL1 to be installed with contactor CRLI110
or with box terminal block CRI-360
for installing as a single unit

① Box terminal block CRI-360 for RSTL1 - for installing as a single unit



RSTL2 to be installed with contactor CRLI140
RSTL3 to be installed with contactor CRLI170 or CRLI205

*) Minimum clearance from the earthed parts.

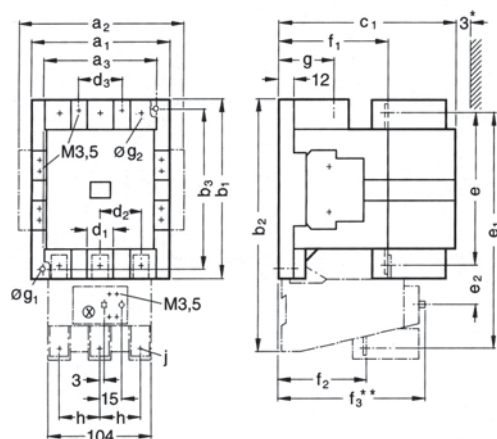
**) Dimension for the square OFF button (stroke 3 mm).

Dimension for the round RESET button (stroke 2,5 mm) less 2,5 mm.

1) For mounting on 35 mm DIN rail mount, EN 50022.

2) Height and spacing of the connection rails can be accommodated to CRLI110 and CRLI170 contactors (not for RSTL2).

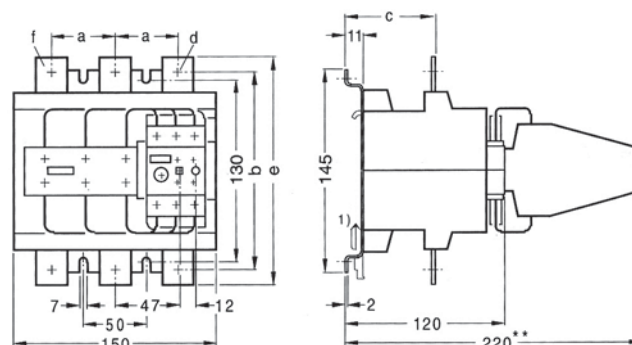
Dimensions



RSTL1 + CRLI110 contactor

RSTL2 + CRLI140 contactor

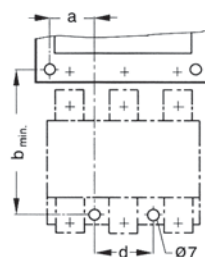
RSTL3 + CRLI170 contactor



RSTL4 to be installed as a single unit

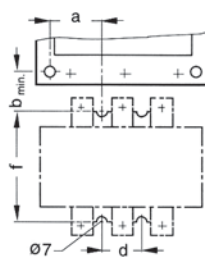
Type	a	b	c	d	e	f
RSTL4-125, -200	46	140	69	Ø9	160	20 x 3
RSTL4-250, -300, -400	50	140	70	Ø11	171	25 x 4

Type	a ₁	a ₂	a ₃	b ₁	b ₂	b ₃	c ₁	d ₁	d ₂	d ₃	e	e ₁	e ₂	f ₁	f ₂	f ₃	g	Øg ₁	Øg ₂
CRLI110	120	143	100	150	232	130	150	15	37	37	130	213	40	93	80	146	45	6,3	6,1 (M6)
CRLI140	120	143	100	150	232	130	150	20	42	37	139	215,5	40,5	93	80	146	45	6,3	9 (M8)
CRLI170	135	158	110	180	257	160	185	20	42	42	154	234	40	115	93	153	48	7	9 (M8)



RSTL3 + CRLI170 contactor

RSTL4 + CRLI205 contactor



RSTL4 + CRLI250 contactor

RSTL4 + CRLI300 contactor

RSTL4 + CRLI400 contactor

*) Minimum clearance from the earthed parts.

**) Dimension for the square OFF button (stroke 3 mm).
Dimension for the round RESET button (stroke 2,5 mm) less 2,5 mm.

1) For mounting on 75 mm DIN rail mount, EN 50023.

2) For type of current links type CRI-3..

3) Current link CRI-382 may be used for current $I_e \leq 200$ A.

Contactors CRLI170 to CRLI400 connect with **RSTL3** and **RSTL4** thermal overload relays installing as a single unit (connect by means of current links type CRI-3..)

Type of contactor	Type of current link	Type of thermal overload relay	a	b _{min} ²⁾	d	f
CRLI170	CRI-370	RSTL3	35	150	40	—
CRLI205	CRI-382 ³⁾	RSTL4	35	150	50	—
CRLI250	CRI-390	RSTL4	35	60	50	130
CRLI300	CRI-390	RSTL4	35	60	50	130
CRLI400	CRI-390	RSTL4	45	55	50	130