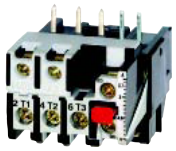
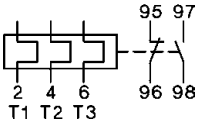
Thermal Overload Relays

For plug-in mounting

With Manual Reset for contactors MB-..

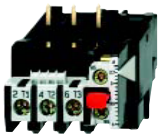


Setting Range D.O.L. (A)		Setting Range Δ (A)		Type	Pack pcs.	Weight kg/pc.
0,12	- 0,18	-		U12/16E 0,18 K1	1	0,10
0,18	- 0,27	-		U12/16E 0,27 K1	1	0,10
0,27	- 0,4	-		U12/16E 0,4 K1	1	0,10
0,4	- 0,6	-		U12/16E 0,6 K1	1	0,10
0,6	- 0,9	-		U12/16E 0,9 K1	1	0,10
0,8	- 1,2	-		U12/16E 1,2 K1	1	0,10
1,2	- 1,8	-		U12/16E 1,8 K1	1	0,10
1,8	- 2,7	-		U12/16E 2,7 K1	1	0,10
2,7	- 4 4	-		U12/16E 4 K1	1	0,10
4	- 6 6	7	- 10,5	U12/16E 6 K1	1	0,10
6	- 9 9	10,5	- 15,5	U12/16E 9 K1	1	0,10
8	- 11	14	- 19	U12/16E 11 K1	1	0,10
10	- 14	18	- 24	U12/16E 14 K1	1	0,10

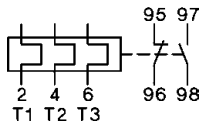


manual reset

With Manual Reset, for contactors MC (D)10-S.. to MC(D)22-S.. ..



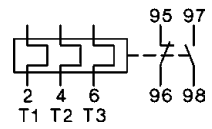
Setting Range D.O.L (A)		Setting Range Δ (A)		Type	Pack pcs.	Weight kg/pc.
0,12	- 0,18	-		U12/16E 0,18 MC	1	0,10
0,18	- 0,27	-		U12/16E 0,27 MC	1	0,10
0,27	- 0,4	-		U12/16E 0,4 MC	1	0,10
0,4	- 0,6	-		U12/16E 0,6 MC	1	0,10
0,6	- 0,9	-		U12/16E 0,9 MC	1	0,10
0,8	- 1,2	-		U12/16E 1,2 MC	1	0,10
1,2	- 1,8	-		U12/16E 1,8 MC	1	0,10
1,8	- 2,7	-		U12/16E 2,7 MC	1	0,10
2,7	- 4 4	-		U12/16E 4 MC	1	0,10
4	- 6 6	7	- 10,5	U12/16E 6 MC	1	0,10
6	- 9 9	10,5	- 15,5	U12/16E 9 MC	1	0,10
8	- 11	14	- 19	U12/16E 11 MC	1	0,10
10	- 14	18	- 24	U12/16E 14 MC	1	0,10
13	- 18	23	- 31	U12/16E 18 MC	1	0,10
17	- 23	30	- 40	U12/16E 23 MC	1	0,10
22	- 30	38	- 52	U12/16E 30 MC	1	0,13



manual reset

For contactors MC-10-S.. to MC-22-S..

0,12	- 0,18	-		MCOR-1 0,18	1	0,14
0,18	- 0,27	-		MCOR-1 0,27	1	0,14
0,27	- 0,4	-		MCOR-1 0,4	1	0,14
0,4	- 0,6	-		MCOR-1 0,6	1	0,14
0,6	- 0,9	-		MCOR-1 0,9	1	0,14
0,8	- 1,2	-		MCOR-1 1,2	1	0,14
1,2	- 1,8	-		MCOR-1 1,8	1	0,14
1,8	- 2,7	-		MCOR-1 2,7	1	0,14
2,7	- 4 4	-		MCOR-1 4	1	0,14
4	- 6 6	7	- 10,5	MCOR-1 6	1	0,14
6	- 9 9	10,5	- 15,5	MCOR-1 9	1	0,14
8	- 11	14	- 19	MCOR-1 11	1	0,14
10	- 14	18	- 24	MCOR-1 14	1	0,14
13	- 18	23	- 31	MCOR-1 18	1	0,14
17	- 24	30	- 41	MCOR-1 24	1	0,14
23	- 32	40	- 55	MCOR-1 32	1	0,14



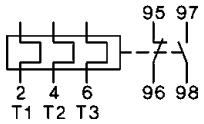
manual and auto reset

Thermal Overload Relays

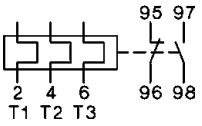
IMO

For plug-in mounting

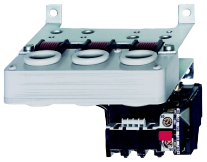
Setting Range D.O.L. (A)		Setting Range Y/Δ (A)		Type	Pack pcs.	Weight kg/pc.	Wiring Diagram
For contactors MC24-S.. to MC40-S ..							
10	- 14	18	- 24	MCOR-2 14	1	0,30	
14	- 20	24	- 35	MCOR-2 20	1	0,30	
20	- 28	35	- 48	MCOR-2 28	1	0,30	manual and auto reset
28	- 42	48	- 73	MCOR-2 42	1	0,30	



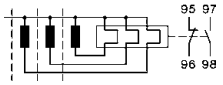
For contactors MC50-S.. to MC74-S,..							
20	- 28	35	- 48	MCOR-3 28	1	0,40	
28	- 42	48	- 73	MCOR-3 42	1	0,40	
40	- 52	70	- 90	MCOR-3 52	1	0,40	
52	- 65	90	- 112	MCOR-3 65	1	0,40	manual and auto reset
60	- 74	104	- 128	MCOR-3 74	1	0,40	



For seperate mounting



Setting Range D.O.L. (A)		Setting Range Y/Δ (A)		Type	Pack pcs.	Weight kg/pc.	Wiring Diagram
For contactors MC9-S.. to MC115-S..							
60	- 90	104	- 156	MCOR-4 90	1	0,90	
80	- 120	140	- 207	MCOR-4 120			manual reset

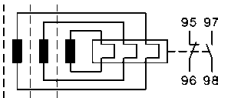


For contactors MC-151.. and MC-176.., busbars included

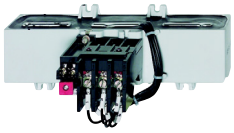
120	- 180	208	- 312	MCOR-5 180	1	1,5	

For contactors MC-210.. up to MC-316.., busbars included

144	- 216	250	- 374	MCOR-6 216	1	1,8	
216	- 320	374	- 554	MCOR-6 320			manual and auto reset



For contactors MC-316.. , MC-450.. , MC-550.. , MC-700.. , MC-860..



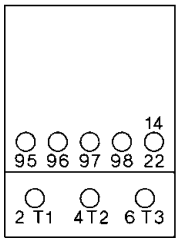
240	- 360	416	- 623	MCOR-7 360	1	4,1	
360	- 540	623	- 935	MCOR-7 540	1	4,1	
540	- 800	935	- 1385	MCOR-7 800	1	4,1	

For contactors MC-1000.. , MC-1200..

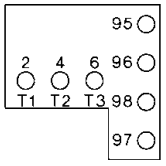
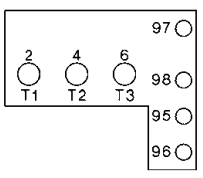
700	-1000	1200	- 1730	MCOR-8 1000	1	7,0	
875	-1250	1510	- 2160				

Position of Terminals

MCOR-1



U12/16E



MCOR-2, MCOR-3