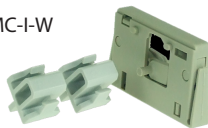
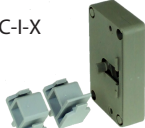
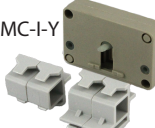


Contactors 3-pole



- Up to 1200A AC3
- Up to 1350A AC1
- DIN-rail mounting up to AC3 74A
- International Approvals
- Data according to IEC 947 / EN 60947



Ratings		10A				24A				50A				90A		115A	
AC3	400V	Motor	14A	18A	22A	32A	40A	62A	74A	90A	115A						
380-400V 660-690V			4kW 5,5kW	5,5kW 7,5kW	7,5kW 10kW	11kW 10kW	11kW 15kW	15kW 18,5kW	18,5kW	22kW 30kW	30kW 37kW	37kW 45kW	45kW 55kW	55kW	55kW		
AC1	690V at 40°C		25A	25A	32A	32A	50A	65A	80A	110A	120A	130A	160A	200A			
Type	MC-	10S10	14S10	18S10	22S10	24S00	32S00	40S00	50S00	62S00	74S00	90S00	115S00				
Auxiliary contacts		1NO	1NO	1NO	1NO	-	-	-	-	-	-						
Type	MC-	10S01	14S01	18S01	22S01												
Auxiliary contacts		1NC	1NC	1NC	1NC												
Cable cross-section		0,75 - 6				1,5 - 25				4 - 50				120+95			
Solid	mm²	1 - 4				2,5 - 16				10 - 35				95+70			
Flexible	mm²	2				1 + 1				1 + 1				1 + 1			
Cables per clamp																	
Auxiliary contact		16				-				-				-			
I _{th} 40°C	A	12				-				-				-			
AC 15 230V	A	4				-				-				-			
400V	A																
Power consumption of coils	Inrush VA	33 - 45				90 - 115				140 - 165				280			
	hold VA	7 - 10				9 - 13				13 - 18				5			
	Operation range of coils	0,85 - 1,1				0,85 - 1,1				0,85 - 1,1				0,85 - 1,1			
Mounting		35mm DIN-rail or base											2x DIN-rail or base				
Additional aux. contact blocks	Type		MCA10 1NO 10A AC1		MCA01 1NC 10A AC1		MCAH10 1NO 25A AC1		MCAH01 1NC 25A AC1	Max MCAH or MCA	Max. MCAH or MCA						
Interlock																	
Overload Relay (thermal)																	
Single phase protection																	
Temperature compensation																	
Trip and alarm contacts																	
Type		MCOR-1							MCOR-3			MCOR-4					
		U12/16E				MCOR-2											
Number of Setting Ranges from		16 0,12 - 30A		16 0,12 - 32A		4 10 - 42A		5 20 - 74A			2 60 - 120A						
Busbar sets		-		-		-		-			-						



150A	175A	210A	260A	315A	450A	550A	700A	860A	1000A	1200A
75kW 90kW	90kW 110kW	110kW 160kW	132kW 210kW	160kW 250kW	250kW 375kW	300kW 475kW	400kW 630kW	500kW 700kW	580kW 850kW	680kW 1000kW
230A	250A	350A	450A	500A	600A	760A	1000A	1100A	1200A	1350A
151S00	176S00	210S00	260S00	316S00	450S22	550S22	700S22	860S22	1000S12	1200S12
-	-	-	-	-	2NO+2NC	2NO+2NC	2NO+2NC	2NO+2NC	1NO+2NC	1NO+2NC
2 x 16-120 2 x 16-120		busbar 30x6	busbar 30x6	busbar 30x6	busbar 30x5	busbar 40x6	busbar 50x8	busbar 50x8	busbar 50x10	busbar 50x10
- - -		- - -	- - -	- - -			10 3 2		10 3 2	
350 5 0,85 - 1,1	350 5	360 5	360 5 0,85 - 1,1	360 5	800-950 9-11	800-950 9-11	1350-1600 21-25 0,85 - 1,1	1350-1600 21-25	2400 70 0,85-1,1	2400 70

base



MCAT11
1NO+ 1NC
2NO+ 2NC
max. 1 pc.



MCAA11
1NO+1NC
max. 2 pcs.



MCAF22
2NO+ 2NC
max. 1 pc.



MCAB11
1NO+ 1NC
max. 2 pcs.

Interlock
LG10399H



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MCOR-5

1
120 - 180A

BB180

links for
independent use
integrated



MCOR-6

2
144 - 320A

integrated



MCOR-7

4
260 - 800A

BB550

BB860



MCOR-8

2
700 - 1250A



Ratings AC2, AC3 380V 400V 415V kW		Rated Current AC1 690V A	Aux. Contacts Built-in Additional see page 34		Type	Coil voltage ¹⁾ 24V 50/60Hz 110V 50/60Hz 220-240V 50Hz 380-415V 50Hz	Pack pcs.	Weight kg/pc.
			NO	NC				
4	4	5,5	25	1 -	max. 4	MC-10S10 ...	1	0,23
4	4	5,5	25	- 1	MCA.. or MCAH..	MC-10S01 ...		
5,5	7,5	25	1 -			MC-14S10 ...		
5,5	7,5	25	- 1			MC-14S01 ...		
7,5	10	32	1 -			MC-18S10 ...		
7,5	10	32	- 1			MC-18S01 ...		
11	10	32	1 -			MC-22S10 ...		
11	10	32	- 1			MC-22S01 ...		



11	15	50	- -	max. 4	MC-24S00 ...		0,48
15	18,5	65		MCA.. or	MC-32S00 ...		
18,5	18,5	80		MCAH..	MC-40S00 ...		



22	30	110		max. 4 (3) ²⁾	MC-50S00 ...		0,85
30	37	120		MCA.. or	MC-62S00 ...		
37	45	130		MCAH..	MC-74S00 ...		



45	55	160		max. 7	MC-90S00 ... ³⁾		2,2
55	55	200		MCA.. or MCAH..	MC-115S00 ... ³⁾		



75	110	230		1 HKT..	MC-151S00 ... ³⁾		4
90	132	250		and 2 HKA11	MC-176S00 ... ³⁾		

110	160	350			MC-210S00 ... ³⁾		7,2
132	210	450			MC-260S00 ... ³⁾		
160	250	500			MC-316S00 ... ³⁾		



250	375	600	2	2	1 HKF22	MC-450S22 ...	13
300	475	760				MC-550S22 ...	13,5

400	630	1000				MC-700S22 ...	26,5
500	700	1100				MC-860S22 ...	27,6

580	850	1200	1	2	2 HKB11	MC-1000S12 ...	49
680	1000	1350				MC-1200S12 ...	53

2) max. 3 MCA.. or MCAH.. for DC-operated Contactors

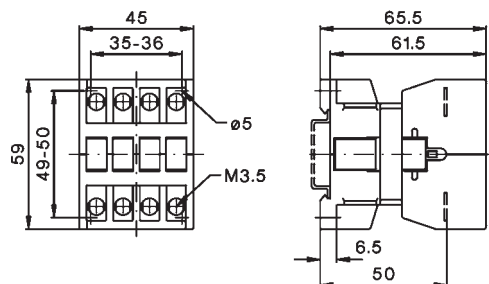
3) with integrated coil suppressor

Contactors

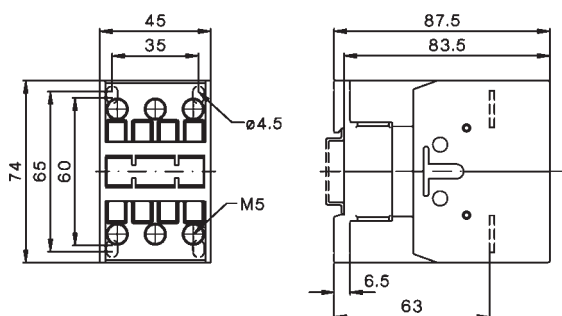
Dimensions

AC operated

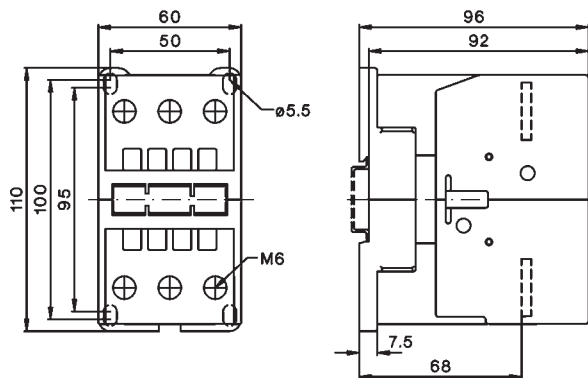
MC/10..
MC/14..
MC/18..
MC/22..



MC/24..
MC/32..
MC/40..

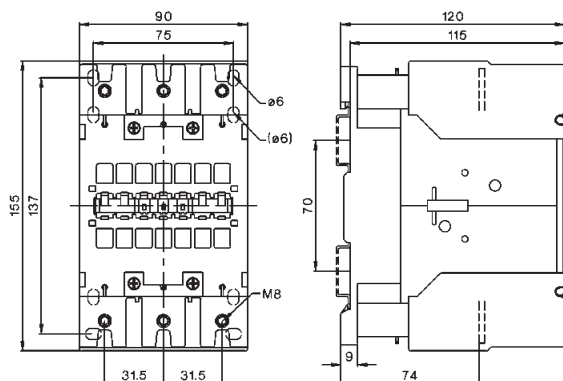


MC/50..
MC/62..
MC/74..



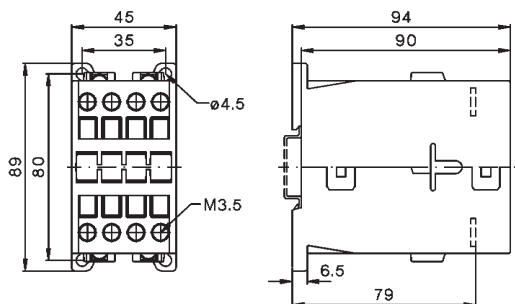
AC and DC operated

MC/90..
MC/115..

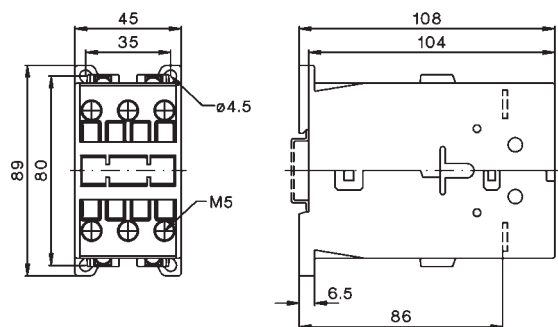


DC operated

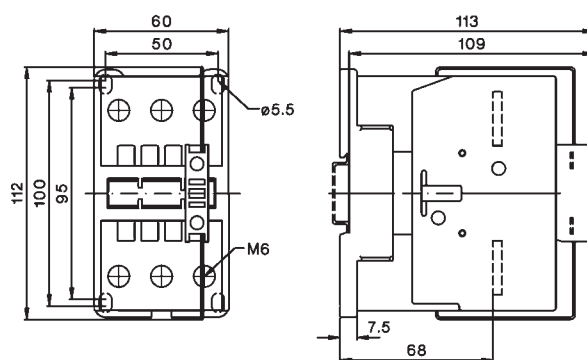
MCD/10..
MCD/14..
MCD/18..
MCD/22..



MCD/24..
MCD/32..
MCD/40..



MCD/50..
MCD/62..
MCD/74..



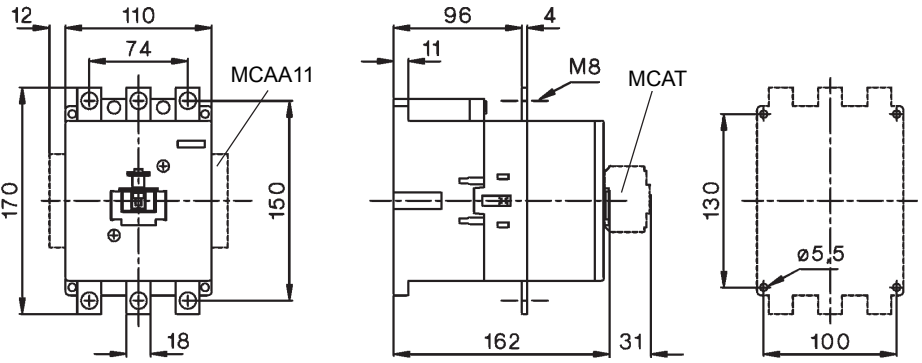
Contactors

Dimensions

AC operated, DC operated

MC/151..

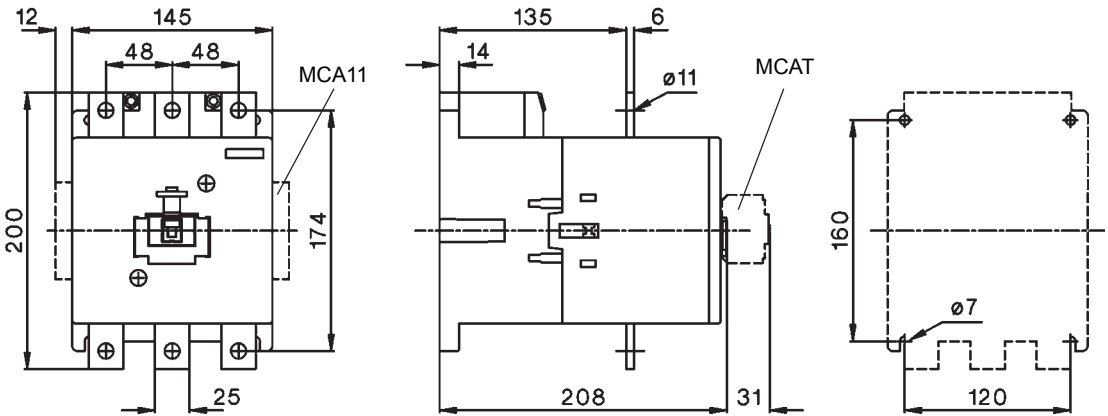
MC/176..



MC/210..

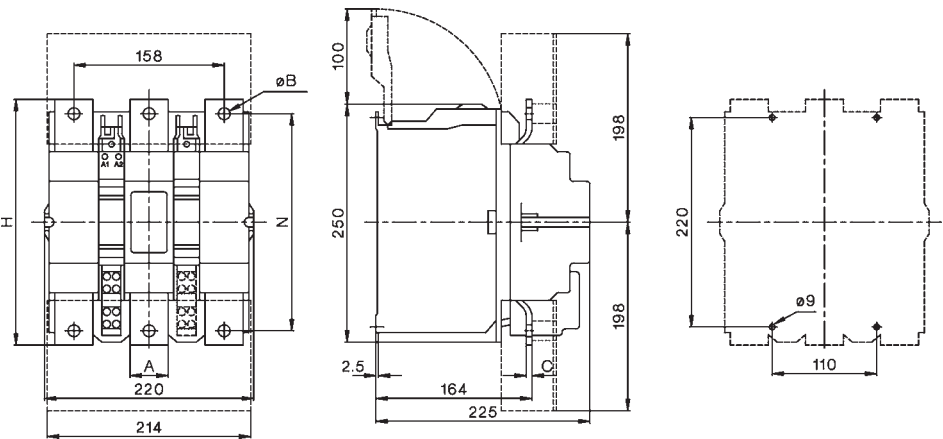
MC/260..

MC/316..



MC/450..

MC/550..



Typ	A	B	C	H	N
MC-450	40	10,5	4	233	206
MC-550	40	12,5	6	258	228

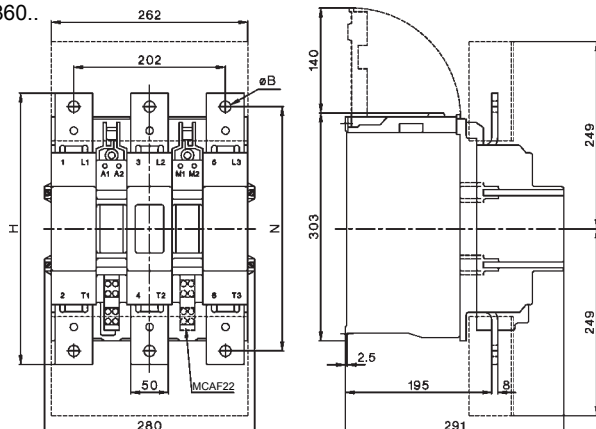
Contactors

Dimensions

AC and DC operated

MC/700..

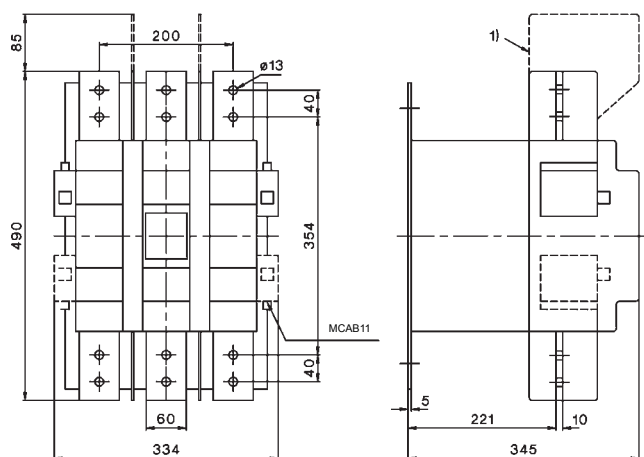
MC/860..



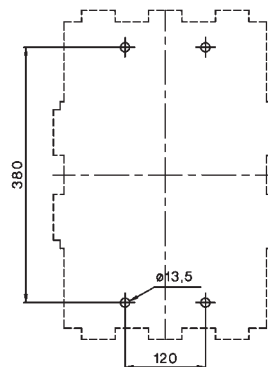
Typ	B	H	N
MC-700	13	310	277
MC-860	15	361	325

MC/1000..

MC/1200..

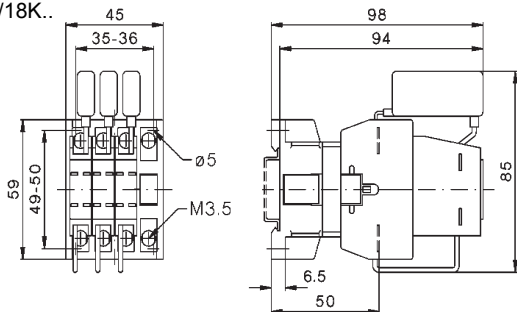


1) for MC-1200 in UL conformity application only



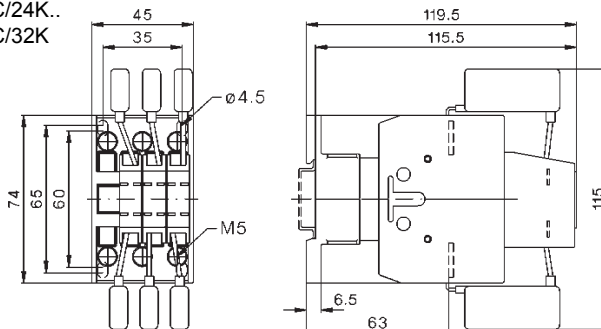
Capacitor switching contactors, AC operated

MC/18K..



MC/24K..

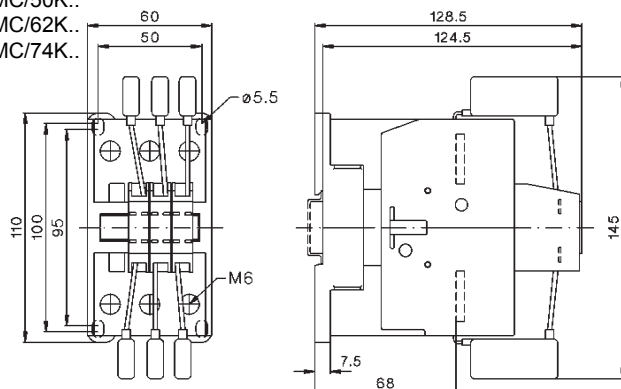
MC/32K



MC/50K..

MC/62K..

MC/74K..



MC/90K..

MC/115K..

