

Magnetic Contactors & Overload Relay's



Frame size / Type				CC/CDC18	CC/CDC22	CC/CDC40
screws clamp terminals				●	●	●
Number of poles				3 pole	3 pole	3 pole
Rated operational voltage, Ue				690V	690V	690V
Rated insulation voltage, Ui				690V	690V	1000V
Rated frequency				50/60Hz	50/60Hz	50/60Hz
Rated impulse withstand voltage, Uimp				6kV	6kV	8kV
Maximum operating rate in operating cycles per hour(AC3)				1800 operations per hour	1800 operations per hour	1800 operations per hour
Durability						
Mechanical				15 mil. operations	15 mil. operations	12 mil. operations
Electrical				2.5 mil. operations	2.5 mil. operations	2 mil. operations
Current and power						
AC-1, Thermal				A	32	40
AC-3				200/240V	kW	4.5
				A	18	22
				380/440V	kW	7.5
				A	18	22
				500/550V	kW	7.5
				A	13	20
				690V	kW	7.5
				A	9	18
				1000V	kW	-
				A	-	-
UL rating (50/60Hz)						
Continuous current				A	32	40
Single phase				110 ~ 120V	HP	1
				220 ~ 240V	HP	3
				200 ~ 208V	HP	5
Three phase				220 ~ 240V	HP	7.5
				440 ~ 480V	HP	10
				550 ~ 600V	HP	15
NEMA size				0	1	1
Size and weight						
AC control Weight				kg	0.33	0.34
Size (W x H x D)				mm	45 x 73.5 x 80.4	45 x 73.5 x 87.4
DC control Weight				kg	0.5	0.51
Size (W x H x D)				mm	45 x 73.5 x 110.7	45 x 73.5 x 117.7
Auxiliary (standard)					1a	1a
Auxiliary					CCUA-1	CCUA-1
Side mount					CCUA-2, CCUA-4	CCUA-2, CCUA-4
Front mount						
Type				CMT12	CMT32	CMT32
screws clamp terminals				●	●	●
Rated operational voltage, Ue				690V	690V	690V
Rated insulation voltage, Ui				690V	690V	690V
Rated impulse withstand voltage, Uimp				6kV	6kV	6kV
Trip class				10A, 20	10A, 20	10A, 20
Setting range				0.1 ~ 18A	0.1 ~ 65A	0.1 ~ 65A
Size and weight						
Weight				kg	0.1	0.17
Size (W x H x D)				mm	45 x 73.2 x 63.7	45 x 75 x 90
Auxiliary (standard)					1a1b	1a1b



Frame size / Type			
screws clamp terminals			
Number of poles			
Rated operational voltage, Ue			
Rated insulation voltage, Ui			
Rated frequency			
Rated impulse withstand voltage, Uimp			
Maximum operating rate in operating cycles per hour(AC3)			
Durability	Mechanical		
	Electrical		
Current and power	AC-1, Thermal		A
	AC-3	200/240V	kW
			A
		380/440V	kW
			A
		500/550V	kW
			A
		690V	kW
			A
		1000V	kW
		A	
UL rating (50/60Hz)	Continuous current		A
	Single phase	110 ~ 120V	HP
		220 ~ 240V	HP
		200 ~ 208V	HP
	Three phase	220 ~ 240V	HP
		440 ~ 480V	HP
		550 ~ 600V	HP
NEMA size			
Size and weight	AC control Weight		kg
	Size (W x H x D)		mm
	DC control Weight		kg
	Size (W x H x D)		mm
Auxiliary (standard)			
Auxiliary	Side mount		
	Front mount		

CC/CDC50
●
3 pole
690V
690V
50/60Hz
6kV
1800 operations per hour
12 mil. operations
2 mil. operations
70
15
55
22
50
30
43
30
28
30
23
70
3
10
20
25
40
50
2
0.9
55 x 106 x 119
1.2
55 x 106 x 146.4
2a + 2b
CCUA-1
CCUA-2, CCUA-4

CC/CDC65
●
3 pole
690V
1000V
50/60Hz
8kV
1800 operations per hour
12 mil. operations
2 mil. operations
100
18.5
65
30
65
33
60
33
35
33
26
100
5
15
25
30
50
60
2
0.9
55 x 106 x 119
1.2
55 x 106 x 146.4
2a + 2b
CCUA-1
CCUA-2, CCUA-4

CC/CDC85
●
3 pole
690V
1000V
50/60Hz
8kV
1800 operations per hour
12 mil. operations
2 mil. operations
135
25
85
45
85
45
75
45
45
33
135
7.5
15
30
40
60
75
3
1.6
70 x 106 x 135.8
2.6
70 x 40 x 172.3
2a + 2b
CCUA-1
CCUA-2, CCUA-4

Type			
screws clamp terminals			
Rated operational voltage, Ue			
Rated insulation voltage, Ui			
Rated impulse withstand voltage, Uimp			
Trip class			
Setting range			
Size and weight	Weight		kg
	Size (W x H x D)		mm
Auxiliary (standard)			

CMT63
●
690V
690V
6kV
10A, 20
4 ~ 65A
0.31/0.33
55 x 81 x 100
1a1b

CMT95
●
690V
690V
6kV
10A, 20
7 ~ 100A
0.48 / 0.5
70 x 97 x 110
1a1b

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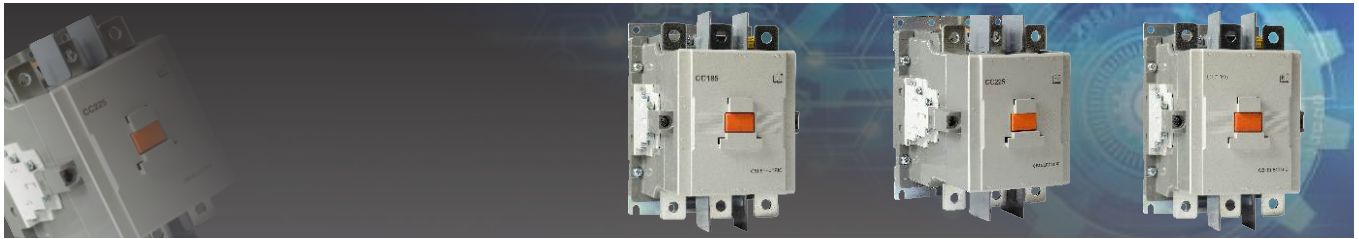


Frame size / Type				CC/CDC100	CC/CDC130	CC/CDC150
screws clamp terminals				●	●	●
Number of poles				3 pole	3 pole	3 pole
Rated operational voltage, Ue				690V	690V	690V
Rated insulation voltage, Ui				1000V	1000V	1000V
Rated frequency				50/60Hz	50/60Hz	50/60Hz
Rated impulse withstand voltage, Uimp				8kV	8kV	8kV
Maximum operating rate in operating cycles per hour(AC3)				1800 operations per hour	1200 operations per hour	1200 operations per hour
Durability						
Mechanical				12 mil. operations	15 mil. operations	5 mil. operations
Electrical				2 mil. operations	1 mil. operations	1 mil. operations
Current and power						
AC-1, Thermal				A	160	160
AC-3				200/240V	kW	210
				A	30	45
				A	105	150
				kW	55	75
				A	105	150
				kW	55	70
				A	85	100
				kW	55	45
				A	65	60
				kW	45	90
				A	33	65
				kW	45	90
UL rating (50/60Hz)						
Continuous current				A	160	160
Single				110 ~ 120V	HP	10
phase				220 ~ 240V	HP	20
				200 ~ 208V	HP	30
				HP	40	40
				HP	40	50
				HP	75	100
				HP	75	75
				HP	75	75
NEMA size					3	3
Size and weight						
AC control				Weight	kg	1.6
				Size (W x H x D)	mm	70 x 106 x 135.8
DC control				Weight	kg	2.6
				Size (W x H x D)	mm	70 x 140 x 172.3
Auxiliary (standard)						
Auxiliary				Side mount	CCUA-100	CCUA-100
				Front mount	-	-

Type			
screws clamp terminals			
Rated operational voltage, Ue			
690V			
Rated insulation voltage, Ui			
690V			
Rated impulse withstand voltage, Uimp			
6kV			
Trip class			
10A, 20			
Setting range			
7 ~ 100A			
Size and weight			
Weight			
kg			
0.31/0.33			
Size (W x H x D)			
mm			
55 x 81 x 100			
Auxiliary (standard)			
1a1b			

CMT95	
●	
690V	
690V	
6kV	
10A, 20	
7 ~ 100A	
0.31/0.33	
55 x 81 x 100	
1a1b	

CMT150	
●	
690V	
690V	
6kV	
10A, 20	
34 ~ 150A	
0.67	
95 x 109 x 113	
1a1b	



Frame size / Type			
	screws clamp terminals		
Number of poles			
Rated operational voltage, Ue			
Rated insulation voltage, Ui			
Rated frequency			
Rated impulse withstand voltage, Uimp			
Maximum operating rate in operating cycles per hour(AC3)			
Durability	Mechanical		
	Electrical		
Current and power	AC-1, Thermal	A	
	AC-3	200/240V	kW
		380/440V	kW
			A
		500/550V	kW
			A
		690V	kW
			A
	1000V	kW	
UL rating (50/60Hz)	Continuous current	A	
	Single phase	110 ~ 120V	HP
		220 ~ 240V	HP
		200 ~ 208V	HP
	Three phase	220 ~ 240V	HP
		440 ~ 480V	HP
		550 ~ 600V	HP
Size and weight	NEMA size		
	AC/DC control	Weight	kg
		Size (W x H x D)	mm
Auxiliary (standard)			
Auxiliary	Side mount		
	Front mount		

CC185
●
3 pole
690V
1000V
50/60Hz
8kV
1200 operations per hour
5 mil. operations
1 mil. operations
230
55
185
90
185
110
180
110
120
132
90
230
15
30
60
60
125
125
4
5.4
138 x 203 x 181
2a + 2b
CCUA-100 (Max.4NO4NC)
-

CC225
●
3 pole
690V
1000V
50/60Hz
8kV
1200 operations per hour
5 mil. operations
1 mil. operations
275
75
225
132
225
132
200
140
150
140
100
275
15
40
60
75
150
150
4
5.4
138 x 203 x 181
2a + 2b
CCUA-100 (Max.4NO4NC)
-

CC265
●
3 pole
690V
1000V
50/60Hz
8kV
1200 operations per hour
5 mil. operations
1 mil. operations
300
80
265
147
265
147
225
160
185
147
105
300
-
-
75
100
200
200
5
9.2
163 x 243 x 198
2a + 2b
CCUA-100 (Max.4NO4NC)
-

Type		
	screws clamp terminals	
Rated operational voltage, Ue		
Rated insulation voltage, Ui		
Rated impulse withstand voltage, Uimp		
Trip class		
Setting range		
Size and weight	Weight	kg
	Size (W x H x D)	mm
Auxiliary (standard)		

CMT225
●
690V
690V
6kV
10A, 20
65 ~ 240A
2.5
147 x 141 x 184
1a1b

CMT400
●
690V
690V
6kV
10A, 20
85 ~ 400A
2.6
151 x 171 x 198
1a1b

