

# LSIS Metasol and Meta-MEC contactor comparison table

Green Innovators of Innovation






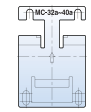


		TYPE	MC-6a	MC-9a	MC-12a	MC-18a	MC-9b	MC-12b	MC-18b	MC-22b	MC-32a	MC-40a	MC-50a	MC-65a	MC-75a	MC-85a	MC-100a	MC-130a	MC-150a	MC-185a	MC-225a	MC-265a	MC-330a	MC-400a	MC-500a	MC-630a	MC-800a			
Manufactured products	Metasol MC	IEC60947 200-240V	2.2kW 9A	2.5kW 11A	3.5kW 13A	4.5kW 18A	2.5kW 11A	3.5kW 13A	4.5kW 18A	5.5kW 22A	7.5kW 32A	11kW 40A	15kW 55A	18.5kW 65A	22kW 75A	25kW 85A	30kW 105A	37kW 130A	45kW 150A	55kW 185A	75kW 225A	80kW 265A	90kW 330A	125kW 400A	147kW 500A	190kW 630A	220kW 800A			
		380-440V	3kW 7A	4kW 9A	5.5kW 12A	7.5kW 18A	4kW 9A	5.5kW 12A	7.5kW 18A	11kW 22A	15kW 32A	18.5kW 40A	22kW 50A	30kW 65A	37kW 75A	45kW 85A	55kW 105A	60kW 130A	75kW 150A	90kW 185A	132kW 225A	147kW 265A	160kW 330A	200kW 400A	265kW 500A	330kW 630A	440kW 800A			
		500-550V	3kW 6A	4kW 7A	7.5kW 12A	7.5kW 13A	4kW 7A	7.5kW 12A	7.5kW 13A	15kW 20A	18.5kW 28A	22kW 32A	30kW 43A	33kW 60A	37kW 64A	45kW 75A	55kW 85A	60kW 90A	70kW 100A	110kW 180A	132kW 200A	147kW 225A	160kW 280A	225kW 350A	265kW 400A	330kW 500A	500kW 720A			
	UL508	200-206V 220-240V 440-480V 550-600V	2HP 3HP 5HP 7.5HP	2HP 3HP 5HP 7.5HP	3HP 5HP 7.5HP 10HP	5HP 7.5HP 10HP 15HP	2HP 3HP 5HP 7.5HP	3HP 5HP 7.5HP 10HP	5HP 7.5HP 10HP 15HP	7.5HP 10HP 15HP 20HP	7.5HP 10HP 15HP 20HP	15HP 20HP 30HP 40HP	20HP 25HP 40HP 50HP	25HP 30HP 50HP 60HP	30HP 40HP 60HP 75HP	30HP 40HP 60HP 75HP	40HP 50HP 75HP 100HP	40HP 50HP 75HP 100HP	60HP 75HP 125HP 150HP	60HP 75HP 125HP 150HP	75HP 100HP 150HP 200HP	75HP 100HP 150HP 200HP	100HP 125HP 200HP 250HP	100HP 125HP 200HP 250HP	125HP 150HP 300HP 400HP	150HP 200HP 400HP 500HP	200HP 300HP 600HP 600HP			
	Auxiliary (Standard)		1NO or 1NC				1NO1NC				-				-				-				2NO2NC		2NO2NC		2NO2NC			
	Mounting size																													
	Weight (kg)		0.33				0.34				0.4		0.9		1.6		2.4		5.4		9.2		22.4							
	Dimension(W×H×D)		45 × 73.5 × 79				45 × 73.5 × 86				45 × 83 × 90		55 × 106 × 119		75 × 140 × 135.8		95 × 158 × 132		138 × 203 × 181		163 × 243 × 198		285 × 312 × 242							
	Discontinued products	Meta-MEC MC	IEC60947 200-240V	-	-	-	-	GMC-9 2.5kW 11A	GMC-12 3.5kW 13A	GMC-18 4.5kW 18A	GMC-22 5.5kW 22A	GMC-32 7.5kW 32A	GMC-40 11kW 40A	GMC-50 15kW 55A	GMC-65 18.5kW 65A	GMC-75 22kW 75A	GMC-85 25kW 85A	GMC-100 30kW 105A	GMC-125 37kW 125A	GMC-150 45kW 150A	GMC-180 55kW 180A	GMC-220 75kW 250A	-	GMC-300 90kW 300A	GMC-400 125kW 400A	-	GMC-600 190kW 630A	GMC-800 220kW 800A		
			380-440V	-	-	-	-	4kW 9A	5.5kW 12A	7.5kW 18A	11kW 22A	15kW 32A	18.5kW 40A	22kW 50A	30kW 65A	37kW 75A	45kW 85A	55kW 105A	60kW 120A	75kW 150A	90kW 180A	132kW 250A	147kW 265A	-	160kW 300A	220kW 400A	-	330kW 630A	440kW 800A	
500-550V			-	-	-	-	4kW 7A	7.5kW 12A	7.5kW 13A	15kW 22A	18.5kW 28A	22kW 32A	30kW 43A	33kW 60A	37kW 64A	45kW 75A	55kW 85A	60kW 90A	90kW 140A	110kW 180A	132kW 200A	147kW 225A	-	160kW 250A	225kW 350A	-	330kW 500A	500kW 720A		
UL508		200V 230V 460V 575V	-	-	-	-	2HP 5HP 7.5HP	3HP 7.5HP 10HP	5HP 10HP 15HP	7HP 10HP 15HP	7.5HP 10HP 20HP	10HP 10HP 20HP	10HP 15HP 30HP	15HP 20HP 40HP	20HP 25HP 50HP	25HP 30HP 50HP	30HP 40HP 60HP	40HP 50HP 75HP	40HP 50HP 100HP	60HP 75HP 125HP	60HP 75HP 150HP	75HP 100HP 150HP	-	100HP 200HP 200HP	125HP 150HP 300HP	-	150HP 400HP 400HP	250HP 300HP 600HP		
Auxiliary (Standard)			-	-	-	-	1NO1NC	1NO1NC	1NO1NC	1NO1NC	-	-	-	-	-	-	-	2NO2NC	2NO2NC	2NO2NC	2NO2NC	2NO2NC	-	2NO2NC	2NO2NC	-	2NO2NC	2NO2NC		
Mounting size			-																											
Weight (kg)			-				0.33		0.37		0.45		1		1		2.9		3.4		5.4		-		9.2		-		22	
Dimension(W×H×D)			-				44 × 80 × 86.8				45 × 82 × 94.5		70 × 123.5 × 117.4		70 × 123.5 × 117.4		100 × 157.4 × 146.5		120 × 166 × 157		138 × 203 × 181		-		163 × 243 × 198		-		285 × 290 × 242	
Compatibility with Metasol			-				○				▲		▲		×		×		○		-		○		-		○			

Note) Marks of compatibility  
 ○ : can be compatible  
 ▲ : compatible by additionally provided bracket  
 × : can't be compatible

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■ CHEONG-JU PLANT Cheong-Ju Plant #1, Song Jung Dong, Hung Duk Ku, Cheong Ju, 361-720, Korea

Figure	Product	Metasol Series (New)			Meta-MEC Series (Old)			Comparability
		Type	Contactors Type		Type	Contactors Type		
	Auxiliary contact unit	UA-1	MC-6a-150a	1NO,1NC	AU-1	GM□-9-85	1NO,1NC	X
					AU-1E	GM□-9-85		
		AU-100	MC-185a-MC-800a	1NO,1NC	AU-100	GM□-100-800		O
		AU-100E			AU-100E	GM□-100-800		O
		UA-2	MC-6a-150a	2NO	AU-2	GM□-9-85	2NO	O
				1NO,1NC			1NO,1NC	O
				2NC			2NC	O
				4NO			4NO	O
		UA-4		3NO,1NC			3NO,1NC	O
				2NO,2NC			2NO,2NC	O
1NO,3NC	1NO,3NC		O					
4NC	4NC		O					
	Control coil	MC-6a-22b	AC		GMC-9-40	AC	X	
		MC-32a-40a			GMC-50-85			
		MC-50a-65a						
		MC-75a-100a						
		MC-6a-22b	DC		GMC-9-40	DC		
		MC-32a-40a			GMC-50-85			
		MC-50a-65a						
		MC-75a-100a	AC/DC		GMC-100-150	AC/DC		
		MC-130a-150a			GMC-180-220			
		MC-185a-225a			GMC-300-400			
MC-265a-400a	GMC-600-800							
MC-500a-800a								
	Interlock unit	UR-02	MC-6a-150a	3Pole	AR-9	GM□-9-85	X	
		AR-180	MC-180a-MC-400a		AR-100	GMC-100-150	X	
		AR-600	MC-500a-MC-800a		AR-180	GMC-100-400	O	
		UR-02	MC-6a-18a	4Pole	AR-600	GMC-600-800	O	
		AR-9	MC-22a-85a		AR-9	GM□-9-85	X	
		AR-180	MC-100a-400a		AR-100	GMC-100-150	O	
		AR-600	MC-500a-MC-800a		AR-180	GMC-100-400	O	
		AR-600	MC-500a-MC-800a		AR-600	GMC-600-800	O	
	Mechanical latch unit	ML-65	MC-6a-65a		AL-9	GM□-9-40	X	
		ML-150	MC-75a-150a		AL-50	GM□-50-85	X	
		AL-220	MC-185a-225a		AL-100	GMC-100-125	X	
		AL-400	MC-265a-400a		AL-150	GMC-150	O	
					AL-220	GMC-180, 220	O	
AL-400	GMC-300, 400	O						
	Electronic timer	UT-1N	MC-6a-150a	On-delay	UT-1N	GM□-9-85	O	
		UT-2N			UT-2N			
		UT-1F		Off-delay	UT-1F			
		UT-2F			UT-2F			
	Capacitor unit	AC-9	MC-6a-MC-40a		AC-9	GMC-9-40	O	
		AC-50	MC-50a-MC-100a		AC-50	GM□-50-85		

Figure	Product	Metasol Series (New)			Meta-MEC Series (Old)			Comparability					
		Type	Contactors Type		Type	Contactors Type							
	Lug terminal				AJ-100	GMC-100-125	-	-					
					AJ-150	GMC-150							
		AJ-180	MC-185a-225a	-	AJ-180	GMC-180-220	-	O					
		AJ-300	MC-265a-400a		AJ-300	GMC-300-400							
		AJ-600	MC-500a-800a		AJ-600	GMC-600-800							
	Thermal overload relays	MT-12	MC-6a-18a	-	GT□-22	GM□-9-22	-	X					
		MT-32	MC-9b-40a		GT□-40	GM□-32-40							
		MT-63	MC-50a-65a		GT□-85	GM□-50-85							
		MT-95	MC-75a-100a		GT□-100	GM□-100-125							
		MT-150	MC-130a-150a		GT□-150	GM□-150							
		MT-225	MC-185a-225a		GT□-220	GM□-180-220							
		MT-400	MC-265a-400a		GT□-400	GM□-300-400		O					
		MT-800	MC-500a-800a		GT□-800	GM□-600-800							
			Separate mounting unit		UZ-32				-	AZ-22H	GTH-22/3	-	X
											GTH-22/3		
GTK-22													
GTH-40													
UZ-63/S				AZ-40H	GTH-40/3								
					GTK-40								
					GTH-85								
UZ-95/S				AZ-85H	GTH-85/3								
					GTK-85								
					UZ-150/S								
								MT-32/2H□					
MT-32/3H□													
MT-32/3K□													
MT-32/3D□													
MT-63/2H□S													
MT-63/3H□S													
UZ-95/S			MT-63/3K□S										
			MT-95/2H□S										
			MT-95/3H□S										
			MT-95/3K□S										
UZ-150/S			MT-95/3D□S										
			MT-150/2H□										
			MT-150/3H□										
UZ-150/S			MT-150/3K□										
			MT-150/3D□										
	compatibility bracket	MP-40	MC-32a-40a	-	-	GMC-32-40	-	Please use compatibility bracket when replace from GMC-to MC-without to change of panel size					
		MP-85	MC-50a-85a	-	-	GMC-50-85	-						
	Surge unit	US-1	MC-6a-150a	-	AC	AS-11	GM□-6-85	AC/DC	X				
		US-2				AS-12							
		US-3				AS-13							
		US-4			DC	AS-14	GMC-9-85	AC					
		US-5				AS-1							
		US-6				AS-2							
		US-11			AC/DC	AS-3	GMD-9-85	DC					
		US-12				AS-4							
		US-13				AS-5							
		US-14				AS-6							
		US-22											
	Delayed opening Device	AD-9	MC-6a-40a	-		AD-9	GMD-9-40	-	O				
		AD-50	MC-50a-100a			AD-50	GMD-50-85						
		AD-100	MC-185a-225a			AD-100	GMC-100-220						
		AD-300	MC-265a-400a			AD-300	GMC-300-400						
		AD-600	MC-500-800a			AD-600	GMC-600-800						

Note) 1. Above magnetic contactors are 3 pole standard type.  
 2. 4pole magnetic contactor's coil is compatible with Meta-MEC and Metasol series over 22Ampere Frame.  
 3. The Lug-terminal magnetic contactors below MC-150a, have to order separately.