

## Molded Case Circuit Breakers

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### Susol/Metasol series

- 2, 3 and 4 pole series up to 1600AF
- Rated ambient temperature at 40°C calibrated for 50°C available
- CE marked according to IEC standard and UL approved MCCBs are also available.

## Earth Leakage Circuit Breakers

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### Metasol series

- 2, 3 and 4 pole series up to 1200AF
- CE marked according to IEC standard



## Air Circuit Breakers

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### Susol/Metasol series

- 65, 85 and 150kA breaking capacity
- High functional digital trip relays
- CE marked and Marine classification

## LS Final Distribution Boards

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## LS SMDB Solution

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## Vacuum Circuit Breakers

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### Susol series



# Contactors & Overload relays

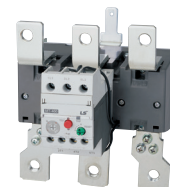
## Metasol MC 3P 225 to 2100A



### MC type Magnetic Contactors

Frame size			225AF		400AF			
Type	Screws clamp terminals		MC-185a	MC-225a	MC-265a	MC-330a	MC-400a	
Number of poles			3pole		3pole			
Rated operational voltage, Ue			690V		690V			
Rated insulation voltage, Ui			1000V		1000V			
Rated frequency			50/60Hz		50/60Hz			
Rated impulse withstand voltage, Uimp			8kV		8kV			
Maximum operating rate in operating cycles per hour(AC3)			1200 operations per hour		1200 operations per hour			
Durability	Mechanical		5 mil. operations		5 mil. operations		2.5 mil. operations	
	Electrical		1 mil. operations		1 mil. operations		0.5 mil. operations	
Current and power	AC-1, Thermal current	A	230	275	300	350	450	
		kW	55	75	80	90	125	
	AC-3	200/240V	A	185	225	265	330	400
		kW	90	132	147	160	200	
	380/440V	A	185	225	265	330	400	
		kW	110	132	147	160	225	
	500/550V	A	180	200	225	250	350	
		kW	110	140	160	200	250	
	690V	A	120	150	185	220	300	
		kW	132	132	147	147	147	
Rated Short-time withstand current (IEC 60947)	1s	A	90	90	105	105	105	
		A	2000	2500	3500	4000	4600	
		A	1500	1700	2400	3000	4400	
		A	1000	1200	1500	2500	2974	
		A	800	1000	1100	1700	1846	
		A	520	700	800	1000	1313	
UL rating (50/60Hz)	Single phase	200~208V	60	60	75	100	125	
		HP	60	75	100	100	150	
	Three phase	440~480V	125	150	200	200	300	
		HP	125	150	200	200	300	
	NEMA size				5			
	Size and weight	AC control	Weight	5.4		9.2		
Size(W×H×D)			138×203×185.1		163×243×204.4			
DC control		Weight						
		Size(W×H×D)						
Auxiliary(standard)			<b>2NO2NC</b>		<b>2NO2NC</b>			
Auxiliary	Side mount		AU-100, AU-100E (Max.4NO4NC)		AU-100, AU-100E (Max.4NO4NC)			
	Front mount							

### MT type Thermal Overload Relays



Type			MT-225/□	MT-400/□
Screws clamp terminals			●	●
Rated operational voltage, Ue			690V	690V
Rated insulation voltage, Ui			690V	690V
Rated impulse withstand voltage, Uimp			6kV	6kV
Trip class			10A, 20	10A, 20
Setting range			65~240A	85~400A
Size and weight	Weight	kg	2.5	2.6
		Size(W×H×D)	147×141×184	151×171×198

\* The safety cover of magnetic contactor and thermal overload relay is optional.