

## Metasol Contactor

### MC-265a



#### General

Product code	1369000200
Product description	MC-265a AC100-240V 50/60Hz, DC100-220V 2a2b (Metasol) EXP (MC265A-30-22-FV-B-E)
Main contact	3NO
Auxiliary contact	2NO 2NC
Control voltage	AC100-240V 50/60Hz, DC100-220V
Type of terminal	Screw
Local/Export	Export
Standards	IEC 60947-4-1, IEC 60947-5-1, UL508
Certificates	CE, UL, CCC
	KR, LR, BV, DNV, ABS, NK, RINA

#### Characteristics

Number of poles	3P
Rated operational voltage [Ue]	1000V
Rated insulation voltage [Ui]	1000V
Rated withstand voltage [Uimp]	8kV
Rated frequency [Hz]	50/60Hz
Maximum operating rate in operating cycles per hour(AC3)	1200
Mechanical durability (mil. operations)	5

Electrical durability (mil. operations)	1
Rated operational current (AC-1)	400A
Power (AC-1)	-
	-
	-
	-
Current (AC-1)	-
	-
	-
	-
Motor power (AC-3)	80kW at 200/240V
	147kW at 380/440V
	147kW at 500/550V
	160kW at 690V
	147kW at 1000V
Motor power (AC-4)	50kW at 200/240V
	102kW at 380/440V
Rated operational current (AC-3)	265A at 200/240V
	265A at 380/440V
	225A at 500/550V
	185A at 690V
	105A at 690V
Rated operational current (AC-4)	200A at 200/240V
	200A at 380/440V
Type 2 Coordination	See the Type 2 Coordination Table in the catalog
	-
	-
	75hp at 200~208V for 3 phase motors

Motor power (UL/CSA)	
	100hp at 220~240V for 3 phase motors
	200hp at 440~480V for 3 phase motors
	200hp at 550~600V for 3 phase motors
NEMA size	5
Rated Short-time withstand current	3500A at 1s
	2400A at 10s
	1500A at 30s
	1100A at 1min
	800A at 3min
	600A at 10min
	500A at =15min
Conductor size (AWG)	3/0~500
Conductor size (mm <sup>2</sup> )	95~240
The max. number of conductor	2
Conductor type	Stranded
Conductor characteristic	75 Cu stranded wire
Main terminal size	M12
Crimp terminal (mm)	30
Torque (lb-in)	200
Torque (Nm)	22.6
Torque (kgf.cm)	230

#### Environment

Degree of protection	IP00
Ambient air temperature	-30°C ~ +65°C at storage
	-5°C ~ +55°C at operation (AC type)
Operating altitude	3000m(8900ft)
Shock resistance (1/2 sin	8G at opened

wave=11ms)	10G at closed
Vibration resistance (Conforming to IEC68-2-6) (5~300Hz)	2G at opened
	4G at closed
Flame resistance	V0 at conforming to UL94
	960°C at conforming to IEC695-2-1
REACH	Yes
RoHS	Yes
WEEE	Yes

#### Dimensions

Weight	17.86lbs / 8.1kg
Size width	6.42inch / 163mm
Size height	9.57inch / 243mm
Size depth	8.05inch / 204.4mm

#### Control coil

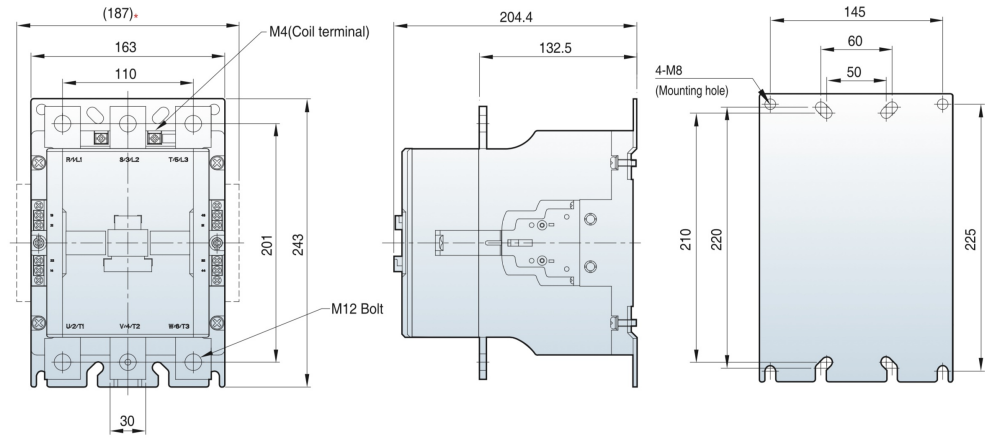
Control voltage	AC100-240V 50/60Hz, DC100-220V
Control voltage limit [Uc]	85~110%
Consumption at 20°C	571VA at inrush
Consumption at 20°C	14VA at holding
Heat dissipation	5W at holding
Operating time	55ms at closing
Operating time	55ms at opening

#### Drawing

MC-265a

MC-330a

MC-400a



\* Optional auxiliary contact unit (side mount type)

9.2kg

Applicable Accessories

LS ELECTRIC

## Accessories

