

Contactors & Overload relays

Numbering system

Contactors

MC-65A		-	40		-	22		-	K7		-	L	
Product (6A~2650A)			Main contact			Auxiliary contact			Coil voltage			Terminal ^{Note2)}	
MC6A	MC-6a		30	3NO0NC		00	None		See coil code table			S	Screw
·	·		40	4NO0NC		11	Normal 1NO normal 1NC		<i>Note) MC catalog reference 23 for details</i>		L	Lug	
MC2650A	MC-2650a		22	2NO2NC		22	Normal 2NO normal 2NC			B	hex Bolt		
MC6B	MC-6b					11L	Low current 1NO Low current 1NC						
·	·					22L	Low current 2NO Low current 2NC						
MC22B	MC-22b					11H	Hoist 1NO normal 1NC						
						22H	Hoist 2NO normal 2NC						

- A : Metasol A Type
- B : Metasol B Type

ex)

MC65A-30-00-Q7-S-E	MC-65a AC380V 50/60Hz SCREW (Metasol) EXP
MC75A-30-22-H7-L-E	MC-75a AC100V 50/60Hz LUG 2a2b (Metasol) EXP
MC185A-30-22-FV-B-E	MC-185a AC100-240V 50/60Hz, DC100-220V 2a2b (Metasol) EXP
MC85A-40-00-M7-S-E	MC-85a AC220V 50/60Hz 4P (Metasol) EXP
MC800A-40-22-EV-B-E	MC-800a AC/DC200V 2a2b 4P (Metasol) EXP

Note2)

3Pole

S: Screw with Phillips head; Bare wire or fork terminal are accessible. (Applied model : MC6a to MC150a)

L: Box Lug ; Bare wire is accessible. (Applied model : MC50a to MC150a)

B: Screw with hex Bolt head; Ring terminal or fork terminal are accessible (Applied model : MC185a to MC2100a)

4Pole

S: Screw with Phillips head; Bare wire or fork terminal are accessible. (Applied model : MC6a to MC85a)

L : X

B : Screw with hex Bolt head; Ring terminal or fork terminal are accessible (Applied model : MC100a to MC800a)

Renewable Contactors

MCi-900		-	AC 300V		-	50/60Hz		-	2NO2NC	
Rated current			Coil voltage			Frequency			Auxiliary contact	
900	900A		AC 300V			50/60Hz			2NO2NC	
·	·		·			·			·	
2650	2650A		AC 100~240V			·			·	
			DC 100~220V							

Contactor relays

MR4	-	22L	-	B7
Product		Main contact		Coil voltage
MR4 MR-4 MR6 MR-6 MR8 MR-8		00 None 13 Normal 1NO normal 3NC 22 Normal 2NO normal 2NC 22L Low current 2NO low current 2NC 44 Normal 4NO normal 4NC 44L Low current 2NO low current 2NC		See coil code table <i>Note) MC catalog reference 23 for details</i>

ex)	MR4-22-B7-E	MR-4 AC24V 50/60Hz 2a2b (Metasol) EXP
	MR6-42-JD-E	MR-6 DC12V 4a2b (Metasol) EXP
	MR8-44-MD-E	MR-8 DC220V 4a4b (Metasol) EXP

Thermal overload relay

MT-12	-	2H	-	0.1
Rated current		Relay version		Relay setting current
12 12AF 32 32AF 63 63AF 95 95AF ⋮ 800 800AF		3H Non-differential (3-heater) 3K Differential 3D Class 20		0.1 0.1A ⋮ 800 800A

Enclosed motor starters

MW22B	-	M	-	B
Product		Material		Material
MW6A MW-6a ⋮ MW100A MW-100a MW9B MW-9b ⋮ MW22B MW-22b		- Iron M Mold		- None B Button

ex)	MW32aB-30-22-M7-21.5-3H-S-E	MW-32aB AC220V 50/60Hz SCREW 2a2b 21.5A 3H (Metasol) EXP
	MW32a-30-22-N5-34-3H-S-E	MW-32a AC415V 50Hz SCREW 2a2b 34A 3H (Metasol) EXP
	MW22BMB-11-Q7-19-SH-S-E	MW-22bMB AC380V 50/60Hz SCREW 1a1b 19A 3H (Metasol) EXP

Main Coil Voltage												
AC						DC		Semi-electric (AC)		Electric (AC/DC)		
50Hz		60Hz		50/60Hz				50/60Hz				
Coil Voltage(V)	code	Coil Voltage(V)	code	Coil Voltage(V)	code	Coil Voltage(V)	code	Coil Voltage(V)	code	Coil Voltage(V) code		
24V	B5	24V	B6	24V	B7	12V	JD	100~120	HF	24 (AC24~25 50/60Hz, DC24)		AV
48V	E5	48V	E6	48V	E7	24V	BD	220~240	MU	48 (AC48~50 50/60Hz, DC24)		BV
110V	F5	110V	F6	110V	F7	48V	ED	265~347	OQ	24/48 (AC24~50 50/60Hz, DC100~110)		CV
220V	M5	220V	M6	220V	M7	110V	FD	380~440	OV	100/200 (AC100~240 50/60Hz, DC100~220)		FV
380V	Q5	380V	Q6	380V	Q7	125V	GD	440~575	S7	100/200 (AC100~240 50/60Hz, DC100~220)		DV
415V	N5	415V	N6	415V	N7	220V	MD					EV
440V	R5	440V	R6	440V	R7	240V	OD					GV

* MC catalog reference 23 for details

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Optional Accessories

Auxiliary contact unit



Version		Contact composition	
UA-1	Side mount	11	1NO+1NC
AU-100		20	2NO
AU-100E		02	2NC
UA-2	Front mount(2P)	40	4NO
UA-4	Front mount(4P)	31	3NO+1NC
		22	2NO+2NC
		13	1NO+3NC
		04	4NC

Note) UA-2: 2NO, 1NO1NC, 2NC
 UA-4: 4NO, 3NO1NC, 4NC,
 2NO2NC, 1NO3NC,

Surge absorber



Product composition		Voltage	
Varistor+RC		1	AC 24~48V
Varistor+RC		2	AC 100~125V
Varistor+RC		3	AC 200~240V
Varistor+RC		4	DC 24~48V
Varistor+RC		5	DC 100~125V
Varistor+RC		6	DC 200~220V
Varistor		11	AC/DC 24~48V
Varistor		12	AC/DC 100~125V
Varisto		13	AC/DC 200~240V
Varistor		14	AC/DC 380~440V
RC		22	AC 100~125V

Note) MC catalog reference 82 for details

Interlock unit



Product	Contact composition
02	2NC
00	None

Wire kit for Interlocking



Product	Rated current
18	18AF
22	22AF
32	40AF
63	65AF
95	100AF

Separate mounting unit (For relay)



Product	Rated current
12	12AF
32	32AF
63	63AF
95	95AF
150	150AF

Remote reset unit (For relay)



Product	Cable length
12	12AF
32	32AF
63	63AF