

### Description

Capacitor Unit ( bypass pre-loading resistors ) is connected to the terminals of the contactor to bypass high inrush current of capacitors, exceeding up to  $20 \times I_n$ .

- AC or DC control coil (optinal)
- 3- pole (NO) main contacts
- Finger proof design
- DIN rail or screw mountable
- IEC 60947-4-1 AC 6b

### مشخصات

واحد خازنی، که شامل مقاومتهای معینی جهت کنترلر کردن جریان هجومی اولیه خازنی میباشد ( قابل افزایش تا ۲۰ برابر جریان نامی ) به ترمینالهای اصلی کنتاکتور متصل می گردد .

- دارای بوبین جریان متناوب (AC) یا جریان مستقیم (DC)، ( انتخابی )
- کنتاکتهای اصلی ۳ پل، ( در حالت عادی پلز NO )
- دارای طراحی ایمن ( غیر قابل تماس با دست )
- قابل نصب بر روی ریل یا توسط پیچ
- مطابق با استاندارد بین المللی : IEC 60947-4-1 AC 6b

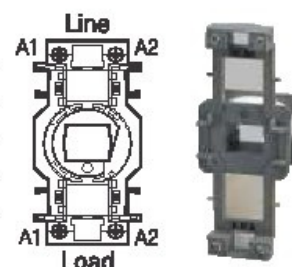
### Rating

Type	Maximum operating power (kvar)			Max. Peak current (A)	Capacitor unit type
	220 ~ 240V	400 ~ 440V	500 ~ 550V		
MC-9a/9b	5	9.7	14	580	AC-9
MC-12a/12b	6.7	12.5	18	580	AC-9
MC-18a/18b	8.5	16.7	24	850	AC-9
MC-22b	10	18	28	1250	AC-9
MC-32a	15	25	38	1900	AC-9
MC-40a	20	33.3	48	2160	AC-9
MC-50a	20	40	58	2160	AC-50
MC-65a	25	45.7	68	3040	AC-50
MC-75a	29.7	54	78	3040	AC-50
MC-85a	35	60	82	3040	AC-50
MC-100a	37	62	94	3040	AC-50

Note) - When the switch is closed condenser must be discharged before recharged. (Maximum residual voltage at terminals  $\leq 50V$ )  
 - To prevent short current, gG type fuse must be 1.5-2 times than rated current.  
 - AC-50 is including screw type and lug type.

### Coil voltage

	50 Hz	24, 32, 42, 48, 80, 100, 110, 220, 230, 240, 380, 400, 500, 550V
AC	60 Hz	24, 48, 100, 110, 120, 200, 208, 220, 230, 240, 277, 380, 480, 600V
	50/60 Hz	24, 48, 100, 110, 120, 200, 220, 230, 240, 380, 415, 440, 500, 550V
DC	—	12, 20, 24, 48, 80, 80, 100, 110, 125, 200, 220, 250V

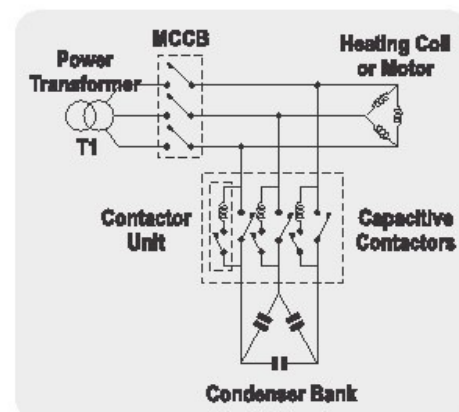


These capacitive contactors are suitable for switching single-step or multiple-step condenser bank.

It is standardized by IEC-60947-4-1, UL and CSA.

Features of capacitor unit(Pre-loading resistor)

- Damping resistor that can limit the inrush current upto  $60 \times I_n$  is connected to the mechanism that closed earlier than the main contact of the contactor
- No heat loss by the serial resistor
- Eliminate the switching surge
- Improving the performance of the capacitor system



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- واحد خازنی ، که شامل مقاومتهای معینی جهت کنارگذر کردن جریان هجومی اولیه خازنی می باشد ( قابل افزایش تا ۲۰ برابر جریان نامی ) به ترمینالهای اصلی کنتاکتور متصل می گردد .
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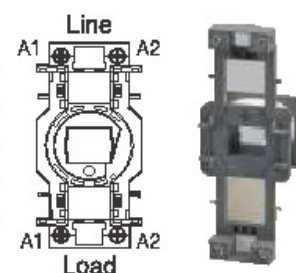
### Rating

Type	Maximum operating power (kvar)			Max. Peak current (A)	Capacitor unit type
	220 ~ 240V	400 ~ 440V	500 ~ 550V		
MC-8a/8b	5	9.7	14	560	AC-9
MC-12a/12b	6.7	12.5	18	560	AC-9
MC-18a/18b	8.5	16.7	24	850	AC-9
MC-22b	10	18	26	1250	AC-9
MC-32a	15	25	36	1900	AC-9
MC-40a	20	33.3	48	2160	AC-9
MC-50a	20	40	58	2160	AC-50
MC-65a	25	45.7	66	3040	AC-50
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DC	—	12, 20, 24, 48, 60, 80, 100, 110, 125, 200, 220, 250V



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It is standardized by IEC-60947-4941, UL and CSA.

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