



CMC 85 B

CMC 85 B, Contactor

Code: R281A3.

- > Dumping Resistors: 1
- > Frequency (Hz): 50 / 60
- > kvar 220-240V: 32
- > kvar 400-440-480 V: 60
- > kvar 500-550V: 70
- > kvar 660-690 V: 80
- > Coil voltage (Vac): 230

Description

CMC-B series are contactors adjusted for switching single-step or multiple step capacitor banks. They have high operating times and a high electrical endurance that make the most robust and durable contactors.

Application

They are installed in switching single-step or multiple step capacitor banks.



CMC 85 B

Capacitor contactors

Code: R281A3.

Specifications

AC power supply

| | |
|-----------------|---------------|
| Frequency | 50/60 Hz |
| Nominal voltage | 220 ... 690 V |

Electrical characteristics

| | |
|-----------------------------|-------------------------|
| Cadence of manoeuvre | 100/h |
| Nominal operating current | 87 A (400 V) |
| Coil tension / tolerance | 230 V / 0,85 ... 1,1 Un |
| Electrical lifetime | 100000 cycles |
| Insulation voltage, circuit | 690 ... 1000 V |

Mechanical characteristics

| | |
|----------------------------------|-----------------------|
| Size (mm) width x height x depth | 64.6 x 120 x 150 (mm) |
| Weight (kg) | 0,85 |

Environmental characteristics

| | |
|--|----------------|
| Protection class | IP 00 |
| Relative humidity (without condensation) | 5 ... 95 % |
| Working temperature | -25 ... +55 °C |

Standards

| | |
|---------------------------------------|-------------------------|
| Certifications | VDE |
| Electrical safety, Maximum height (m) | 2000 |
| Standards | IEC 60947-4-1, VDE 0660 |

CMC B

CMC-B contactors

| CODE | TYPE | Frequency (Hz) | kvar 220-240V | kvar 400-440-480 V | kvar 500-550V | kvar 660-690 V |
|---------------------------------------|-----------|----------------|---------------|--------------------|---------------|----------------|
| Maximum operating power (Kvar) | | | | | | |
| R281A5. | CMC 7.5 B | 50 / 60 | 5 | 7.5 | 9 | 11 |
| R281A6. | CMC 12 B | 50 / 60 | 6.7 | 12.5 | 15 | 18 |
| R281A4. | CMC 20 B | 50 / 60 | 11 | 20 | 24 | 30 |
| R281A8. | CMC 32 B | 50 / 60 | 14 | 25 | 30 | 35 |
| R281A1. | CMC 40 B | 50 / 60 | 20 | 30 | 35 | 40 |
| R281A9. | CMC 75 B | 50 / 60 | 29 | 50 | 60 | 70 |
| R281A3. | CMC 85 B | 50 / 60 | 32 | 60 | 70 | 80 |
| R281AH. | CMC 150 D | 50 / 60 | 45 | 80 | 100 | 115 |



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