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Code:

## 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.



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## Specifications

### AC power supply

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

### Electrical characteristics

| | |
|---|---|
| Cadence of manoeuvre | 120/h |
| Nominal operating current | 29 A (400 V) |
| Coil tension / tolerance | 230 V / 0,85 ... 1,1 Un |
| Electrical lifetime | 200000 cycles |
| Insulation voltage, circuit | 690 ... 1000 V |

### Mechanical characteristics

| | |
|---|---|
| Size (mm) width x height x depth | 54.8 x 86 x 107.9 (mm) |
| Weight (kg) | 0,402 |

### 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+RD**
Contactors with fast discharge resistor

| CODE | TYPE | Frequency (Hz) | kvar 220-240V | kvar 400-440-480 V | kvar 500-550V | kvar 660-690 V |
|---|---|---|---|---|---|---|
| R281B6. | CMC-12B+RD+CABLES | 50 / 60 | 6.7 | 12.5 | 12 | 18 |
| R281B4. | CMC-20B+RD+CABLES | 50 / 60 | 11 | 20 | 24 | 30 |
| R281B8. | CMC-32B+RD+CABLES | 50 / 60 | 14 | 25 | 30 | 35 |
| R281B1. | CMC-40B+RD+CABLES | 50 / 60 | 20 | 30 | 35 | 40 |
| R281B9. | CMC-75B+RD+CABLES | 50 / 60 | 29 | 50 | 60 | 70 |
| R281B3. | CMC-85B+RD+CABLES | 50 / 60 | 32 | 60 | 70 | 80 |
| R281BH. | CMC-150D+RD+CABLES | 50 / 60 | 45 | 80 | 100 | 115 |