



## CMC 32 B

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CMC 32 B, Contactor

Code: R281A8.

- > Dumping Resistors: 1
- > Frequency (Hz): 50 / 60
- > kvar 220-240V: 14
- > kvar 400-440-480 V: 25
- > kvar 500-550V: 30
- > kvar 660-690 V: 35
- > Coil voltage (Vac): 230

### Description

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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

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



## CMC 32 B

Capacitor contactors

Code: R281A8.

### Specifications

#### AC power supply

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

#### Electrical characteristics

|                             |                         |
|-----------------------------|-------------------------|
| Cadence of manoeuvre        | 100/h                   |
| Nominal operating current   | 37 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 | 54.6 x 80 x 121.4 (mm) |
| Weight (kg)                      | 0,473                  |

#### 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 |
|---------------------------------------|-----------|----------------|---------------|--------------------|---------------|----------------|
| <b>Maximum operating power (Kvar)</b> |           |                |               |                    |               |                |
| 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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