

# CMC 7.5 B

CMC 7.5 B, Contactor

Code: R281A5.

> Frequency (Hz): 50 / 60
> kvar 220-240V: 5
> kvar 400-440-480 V: 7.5
> kvar 500-550V: 9
> kvar 660-690 V: 11
> 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.



Creation date: 25/11/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.



# CMC 7.5 B

Capacitor contactors

Code: R281A5.

## Specifications

### AC power supply

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

### Electrical characteristics

| | |
|---|---|
| Cadence of manoeuvre | 240/h |
| Nominal operating current | 11 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 | 44.8 x 72.2 x 71 (mm) |
| Weight (kg) | 0,28 |

### 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 |



Creation date: 25/11/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.



# CMC 7.5 B

Capacitor contactors

Code: R281A5.



Creation date: 25/11/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.

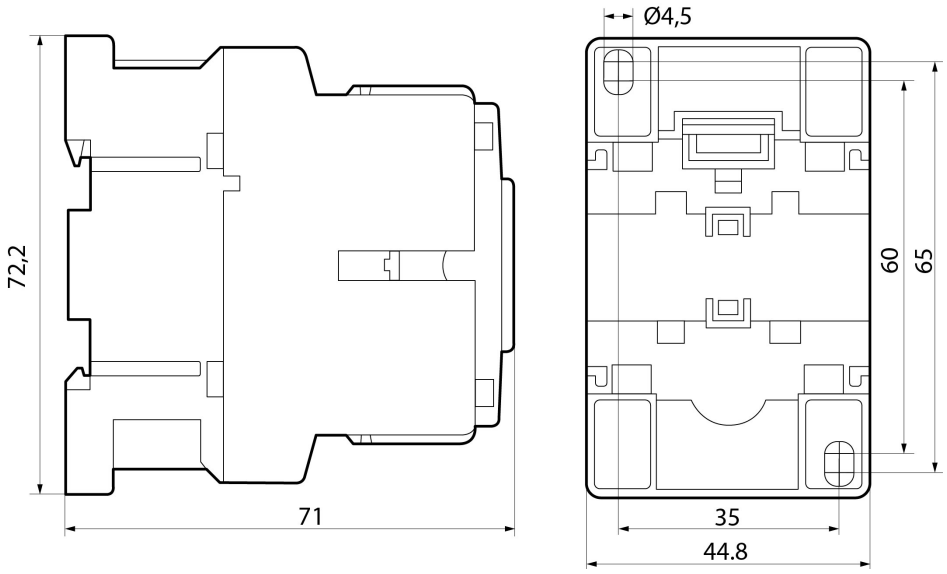


# CMC 7.5 B

Capacitor contactors

Code: R281A5.

## Dimensions






Creation date: 25/11/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.