



## CPA-100-440

CPA-100-440, Fixed capacitors with automatic protection

Code: R24A3M.

- > Cable section (mm<sup>2</sup>): 70
- > kvar (400 V): 83
- > kvar (440 V): 100
- > Cut off power: 50 kA
- > Aut.Switch (A): 200
- > Use voltage (V): 440
- > Type of protection: automatischer Schalter

### Specifications

#### AC power supply

|           |       |
|-----------|-------|
| Frequency | 50 Hz |
|-----------|-------|

#### Electrical characteristics

|                             |                                                  |
|-----------------------------|--------------------------------------------------|
| Permanent overload          | 1,3 In                                           |
| Losses (W)                  | Dielectric: < 0,2 W / kvar Total: < 0,5 W / kvar |
| Discharge resistance        | 75 V / 3 min                                     |
| Surge                       | 10%                                              |
| Tolerance C                 | ± 10 %                                           |
| Voltage                     | 440 V                                            |
| Insulation voltage, circuit | 3 / 15 kV                                        |

#### Mechanical characteristics

|                                  |                                                                 |
|----------------------------------|-----------------------------------------------------------------|
| Size (mm) width x height x depth | 360 x 1004 x 196 (mm)                                           |
| Envelope                         | Treated and painted steel in RAL 3005 colour                    |
| Fastening                        | Vertical / Horizontal. Minimum distance between condensers 4 cm |
| Ventilation                      | Natural or forced depending on the cabinet                      |
| Weight (kg)                      | 22                                                              |

#### Environmental characteristics

|                                          |                                                                                          |
|------------------------------------------|------------------------------------------------------------------------------------------|
| Protection class                         | IP 42 with terminal cover                                                                |
| Relative humidity (without condensation) | 80%                                                                                      |
| Working temperature                      | T° class D: Daily average: 45 °C, annual average: 35 °C, maximum: 55 °C, minimum: -25 °C |

#### Standards

|                                       |                             |
|---------------------------------------|-----------------------------|
| Electrical safety, Maximum height (m) | 2000                        |
| Standards                             | IEC 60831-1, UNE-EN 60831-1 |

#### Features / performance

|            |                                                             |
|------------|-------------------------------------------------------------|
| Components | CSB capacitor General three-pole circuit breaker protection |
|------------|-------------------------------------------------------------|



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## Protection

Circuit breaker type

Dielectric regeneration Internal fuse Overpressure system Vermiculite



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CPA

| CODE    | TYPE         | kvar (400 V) | kvar (440 V) | Use voltage (V) |
|---------|--------------|--------------|--------------|-----------------|
| R24A3D. | CPA-15-440   | 12,5         | 15           | 440             |
| R24A3H. | CPA-25-440   | 21           | 25           | 440             |
| R24A3G. | CPA-37,5-440 | 31           | 37,5         | 440             |
| R24A3J. | CPA-50-440   | 42           | 50           | 440             |
| R24A3K. | CPA-60-440   | 50           | 60           | 440             |
| R24A3L. | CPA-75-440   | 62           | 75           | 440             |
| R24A3M. | CPA-100-440  | 83           | 100          | 440             |
| R24A3N. | CPA-120-440  | 100          | 120          | 440             |



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## Dimensions

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