



## CSB-F-30-440

CSB-F-30-440, Power capacitors with fuse protection

Code: R2395H.

- > Fuses (A): 80
- > Cable section (mm<sup>2</sup>): 16
- > kvar (400 V): 25
- > kvar (440 V): 30
- > Cut off power: 120 kA
- > Use voltage (V): 440
- > Type of protection: Fuse

### Description

The application of new technologies have allowed CIRCUTOR to reinvent the classic **CS** capacitor.

The spirit of innovation and proprietary technology used during the design of the new **CSB** capacitor have increased the working life of conventional prismatic capacitors by over 60%. This new series has improved all aspects of the previous models, offering our customers a capacitor that is longer lasting, safer and more cost-efficient.

### Application

Its application is mainly based on the compensation of transformers and motors. In general, they are used for the compensation of installations with constant loads.



## CSB-F-30-440

Three-phase power capacitor with fuse protection.

Code: R2395H.

### 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 | 140 x 381 x 280 (mm)  |
| Envelope                         | Treated and painted steel in RAL 3005 colour                    |
| Thermal management               | Natural or forced according to cabinet design                   |
| Fastening                        | Vertical / Horizontal. Minimum distance between condensers 4 cm |
| Weight (kg)                      | 0,422   |

#### 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 | CS capacitor + general NH-00 type protection fuses with high cut-off power |
|------------|--|

#### Protection

|                      |   |
|----------------------|---|
| Circuit breaker type | Dielectric regeneration Internal fuse Overpressure system Vermiculite |
|----------------------|---|

#### CSB-F

Power capacitors with fuse protection, 50 Hz.



## CSB-F-30-440

Three-phase power capacitor with fuse protection.

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| CODE                | TYPE           | kvar (400 V) | kvar (440 V) | Use voltage (V) |
|---------------------|----------------|--------------|--------------|-----------------|
| <b>440 V, 50 Hz</b> |                |              |              |                 |
| R23958.             | CSB-F-5-440    | 4            | 5            | 440             |
| R2395D.             | CSB-F-12,5-440 | 10           | 12,5         | 440             |
| R2395E.             | CSB-F-15-440   | 12,5         | 15           | 440             |
| R2395F.             | CSB-F-20-440   | 17           | 20           | 440             |
| R2395G.             | CSB-F-25-440   | 21           | 25           | 440             |
| R2395H.             | CSB-F-30-440   | 25           | 30           | 440             |
| R2395J.             | CSB-F-37,5-440 | 31           | 37,5         | 440             |
| R2395K.             | CSB-F-50-440   | 42           | 50           | 440             |
| R2395L.             | CSB-F-60-440   | 50           | 60           | 440             |
| R2395P.             | CSB-F-75-440   | 63           | 75           | 440             |



## CSB-F-30-440

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### Dimensions

