



# CFB-46/37-6B

CFB-46/37-6B, Power capacitors for detuned filters

Code: R2425J.

- > kvar (400 V): 30
- > kvar (440 V): 40
- > For reactor: REZ-30-400
- > Use voltage (V): 400

## Specifications

### AC power supply

|           |            |
|-----------|------------|
| Frequency | 50 ó 60 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 % 8 h over 24 h 15 % up to 15 min over 24 hours 20 % up to 5 min over 24 hours 30 % up to 1 min over 24 hours |
| Tolerance C                 | -5 ... +15 %                                                                                                     |
| Insulation voltage, circuit | 3 / 15 kV                                                                                                        |

### Mechanical characteristics

|                                  |                                              |
|----------------------------------|----------------------------------------------|
| Size (mm) width x height x depth | 360 x 330 x 120 (mm)                         |
| Envelope                         | Treated and painted steel in RAL 3005 colour |
| Fastening                        | Vertical                                     |
| Ventilation                      | Natural or forced depending on the cabinet   |
| Weight (kg)                      | 7,1                                          |

### Environmental characteristics

|                                          |                                                                                          |
|------------------------------------------|------------------------------------------------------------------------------------------|
| Protection class                         | IP 42 with terminal cover                                                                |
| Relative humidity (without condensation) | 80%                                                                                      |
| Working temperature                      | T° class C: Daily average: 40 °C, annual average: 30 °C, maximum: 50 °C, minimum: -40 °C |

### Standards

|                                       |                                                            |
|---------------------------------------|------------------------------------------------------------|
| Certifications                        | VDE 560                                                    |
| Electrical safety, Maximum height (m) | 2000                                                       |
| Standards                             | IEC 60831-1, IEC 70/7, UNE-EN 20827, UNE-EN 20010, BS 1650 |

### Protection

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

CFB-6B



# CFB-46/37-6B

Power capacitors for harmonics filters with static switching operation of the OPTIM FRE series

Code: R2425J.

| CODE    | TYPE           | kvar (400 V) | kvar (440 V) | Use voltage (V) |
|---------|----------------|--------------|--------------|-----------------|
| 400 Vac |                |              |              |                 |
| R2425A. | CFB-46/6-6B    | 5            | 6,25         | 400             |
| R2425D. | CFB-46/12,5-6B | 10           | 12,5         | 400             |
| R2425F. | CFB-46/19-6B   | 15           | 18,5         | 400             |
| R2425G. | CFB-46/25-6B   | 20           | 25           | 400             |
| R2425H. | CFB-46/30-6B   | 25           | 30           | 400             |
| R2425J. | CFB-46/37-6B   | 30           | 40           | 400             |
| R2425K. | CFB-46/50-6B   | 40           | 50           | 400             |
| R2425L. | CFB-46/62-6B   | 50           | 60           | 400             |
| R2425P. | CFB-46/74-6B   | 60           | 75           | 400             |
| R2425R. | CFB-46/100-6B  | 80           | 100          | 400             |