



## CFB-26/6,3

CFB-26/6,3, Power capacitors for detuned filters

Code: R2412A. DESCATALOGADO

- > kvar (230 V): 5
- > For reactor: RZ-5-230
- > Use voltage (V): 230

### Description

The application of new technologies have allowed CIRCUITOR 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 lifespan of traditional prismatic capacitors by over 60%. This new series has improved all aspects of the previous models, offering our customers a longer-lasting, safer and more profitable capacitor.

### Application

Its application is focused on the compensation of installations under fixed and variable loads (capacitor banks) with a high content of harmonics and/or the risk of resonance. Application for static systems (CFB-6B).



## CFB-26/6,3

Power capacitors for harmonic filtering for OPTIM FR series

Code: R2412A.

### Specifications

#### AC power supply

Frequency	50 ó 60 Hz
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#### 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
Thermal management	Natural or forced according to cabinet design
Fastening	Vertical
Weight (kg)	2,6

#### Environmental characteristics

Protection class	IP 42 with terminal cover
Relative humidity (without condensation)	80%
Operating 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
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#### CFB

Power capacitors for detuned filters, type P=7% (fres=189 Hz)

CODE	TYPE	kvar (230 V)	Use voltage (V)	kvar (400 V)	kvar (440 V)	kvar (690 V)
CFB 260						
R2412A.	CFB-26/6,3	5	230			



## CFB-26/6,3

Power capacitors for harmonic filtering for OPTIM FR series

Code: R2412A.

CODE	TYPE	kvar (230 V)	Use voltage (V)	kvar (400 V)	kvar (440 V)	kvar (690 V)
R2412D.	CFB-26/12,5	10	230			
R2412E.	CFB-26/18	15	230			
R2412G.	CFB-26/25	20	230			
R2412H.	CFB-26/30	25	230			
R2412J.	CFB-26/37	30	230			
R2412K.	CFB-26/48	40	230			
R2412L.	CFB-26/60	50	230			
<b>CFB 460</b>						
R2415A.	CFB-46/6		440	5	6,25	
R2415B.	CFB-46/7,5		440	9,3	7,75	
R2415D.	CFB-46/12,5		440	10	12,5	
R2415E.	CFB-46/15		440	12,5	15	
R2415F.	CFB-46/19		440	15	18,5	
R2415G.	CFB-46/25		440	20	25	
R2415H.	CFB-46/30		440	25	30	
R2415J.	CFB-46/37		440	30	40	
R2415K.	CFB-46/50		440	40	50	
R2415L.	CFB-46/62		440	50	60	
R2415P.	CFB-46/74		440	60	75	
R2415R.	CFB-46/100		440	80	100	
<b>CFB 790</b>						
R241DA.	CFB-79/6		690			5
R241DD.	CFB-79/12,5		690			10
R241DF.	CFB-79/19		690			15
R241DG.	CFB-79/25		690			20
R241DH.	CFB-79/30		690			25
R241DI.	CFB-79/37		690			30
R241DK.	CFB-79/50		690			40
R241DL.	CFB-79/62		690			50
R241DP.	CFB-79/74		690			60
R241DR.	CFB-79/100		690			80

NOTE: The capacitor has been sized for 460/790 V and a power that is 20% higher than that indicated in all columns to compensate for the overvoltage effect of the reactor.