



## CSB-4069/20

CSB-4069/20, Three-phase dual-voltage power capacitors

Code: R2329F.

- > kvar 50 Hz: 20
- > kvar 60 Hz: 25
- > Use voltage (V): 400 | 690

### 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: < 0,4 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 / Horizontal. Minimum distance between condensers 4 cm
Ventilation	Natural or forced depending on the cabinet
Weight (kg)	6,1

#### 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

#### Protection

Circuit breaker type	Dielectric regeneration Internal fuse Overpressure system Vermiculite
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#### CSB-2V

Three-phase dual-voltage power capacitors, 6 terminals



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Code: R2329F.

CODE	TYPE	kvar 50 Hz	kvar 60 Hz	Use voltage (V)
<b>400 / 690 Vac</b>				
R23298.	CSB-4069/5	5	6	400   690
R2329A.	CSB-4069/7,5	7.5	9	400   690
R2329C.	CSB-4069/10	10	12.5	400   690
R2329D.	CSB-4069/12,5	12.5	15	400   690
R2329E.	CSB-4069/15	15	17.5	400   690
R2329F.	CSB-4069/20	20	25	400   690
R2329G.	CSB-4069/25	25	30	400   690
R2329H.	CSB-4069/30	30	35	400   690
R2329J.	CSB-4069/40	40	50	400   690
R2329K.	CSB-4069/50	50	60	400   690
R2329L.	CSB-4069/60	60	70	400   690
R2329P.	CSB-4069/75	75	90	400   690
R2329Q.	CSB-4069/80	80	96	400   690



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## Dimensions

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