

CV-40/20

CV-40/20, Power Capacitor

Code: R2013F.

> kvar 50 Hz: 20
> kvar 60 Hz: 25
> Frequency (Hz): 50
> Use voltage (V): 400

Description

The CV dry-type prismatic capacitor range covers all power and voltage requirements, from 50 to 60 Hz. The design, manufacturing and testing processes of tubular capacitors guarantee the production of top quality and long lasting capacitors. The 4 internal protection levels (self-regulation of the internal fuse, protection cover and vermiculite) make prismatic capacitors the safest units in the market.

Application

Its application is based on the compensation in installations with fixed and variable loads (capacitor banks).

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CV-40/20

Low voltage three-phase power capacitors

Code: R2013F.

Specifications

AC power supply

Frequency	50 ó 60 Hz

Electrical characteristics

Permanent overload	1,3 In
Losses (W)	Dielectric: < 0,2 W / kvar Total: < 0,4 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 %
Voltage	230 V
Insulation voltage, circuit	3 / 15 kV

Mechanical characteristics

Size (mm) width x height x depth	204 x 435 x 75 (mm)
Envelope	Treated and painted steel in RAL 3005 colour
Thermal management	Natural or forced depending on the cabinet
Fastening	Vertical. Minimum distance between condensers 4 cm
Weight (kg)	4,2

Environmental characteristics

Protection class	IP 42 with terminal cover
Relative humidity (without condensation)	80%
Working temperature	Tª 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

CV-50 Hz
Power capacitors for LV

CODE	TYPE	kvar 50 Hz	kvar 60 Hz	Use voltage (V)
400 Vac				



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CODE	TYPE	kvar 50 Hz	kvar 60 Hz	Use voltage (V)
R20134.	CV-40/2,5	2.5	3	400
R20138.	CV-40/5	5	4.5	400
R2013A.	CV-40/7,5	7.5	9	400
R2013C.	CV-40/10	10	12.5	400
R2013D.	CV-40/12,5	12.5	15	400
R2013E.	CV-40/15	15	17.5	400
R2013F.	CV-40/20	20	25	400
R2013G.	CV-40/25	25	30	400
440 Vac				
R20144.	CV-44/2,5	2.5	3	440
R20148.	CV-44/5	5	4.5	440
R2014A.	CV-44/7,5	7.5	9	440
R2014C.	CV-44/10	10	12.5	440
R2014D.	CV-44/12,5	12.5	15	440
R2014E.	CV-44/15	15	17.5	440
R2014F.	CV-44/20	20	25	440
R2014G.	CV-44/25	25	30	440
R2014J.	CV-44/30	30	35	440

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Dimensions

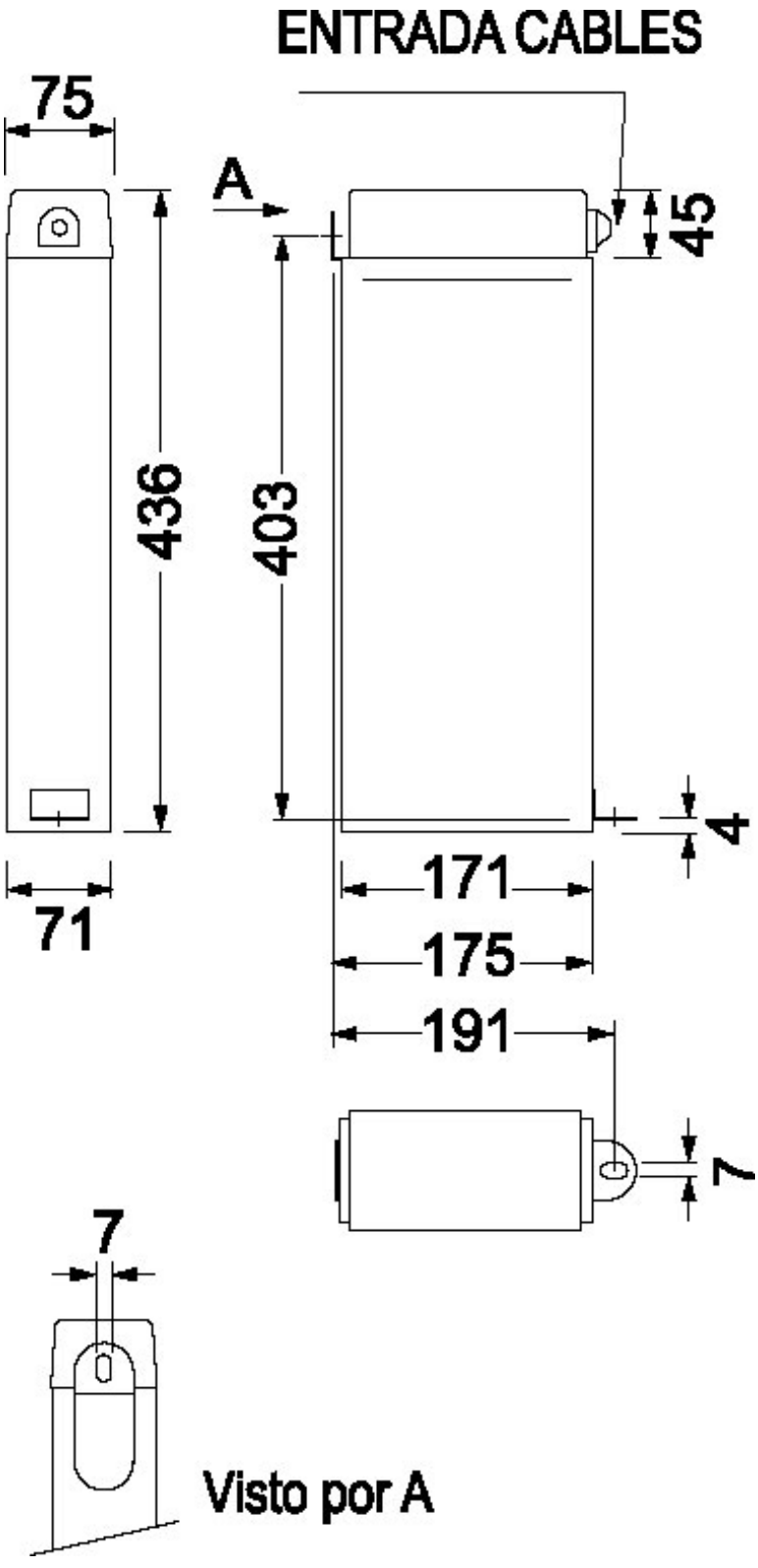
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