



## ACF-12,5-440

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ACF-12,5-440, Power capacitor with contactor and fuses

Code: R3S421. DESCATALOGADO

- > Fuses (A): 35
- > Cable section (mm<sup>2</sup>): 6
- > In (A): 16
- > kvar (400 V): 10
- > kvar (440 V): 12,5
- > Cut off power: 120 kA
- > Use voltage (V): 440
- > Type of protection: contactor and fuse

### Description

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The fixed capacitors of the ACF series are single-step units that have been designed for Power factor correction procedures under constant load.

### Application

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Its application is mainly focused on the compensation of motors, transformers and installations under constant load, providing a signal that connects to the capacitor with a contactor switching operation.



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CS Capacitor with contactor and fuses

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### Specifications

#### Electrical characteristics

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
Manoeuvre voltage	Contactors: 230 V
Reinforcement voltage	400 V
Tolerance C	± 10 % sobre la capacidad
Voltage	400 V
Insulation voltage, circuit	3 kV

#### Mechanical characteristics

Size (mm) width x height x depth	360 x 814 x 196 (mm)
Envelope	RAL 7035 Grey / RAL 3005 Garnet
Thermal management	Natural
Fastening	Vertical
Weight (kg)	12

#### Environmental characteristics

Protection class	IP 21
Relative humidity (without condensation)	80%
Working temperature	T <sup>a</sup> class D: Daily average: 45 °C, annual average: 35 °C, maximum: 50 °C, minimum: -25 °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

#### Current measurement circuit

Permanent overload	1,3 I <sub>n</sub>
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#### Features / performance

Components	CS capacitor Contactors with pre-insertion block and fast discharge resistor Protection at header via high cut-off power fuses (APR)
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Switch and cable cross-section for installations with U<sub>n</sub>= 400 V. The installation company must ensure compliance with the low voltage directive at all times, in accordance with the particularities of each installation and type of cable

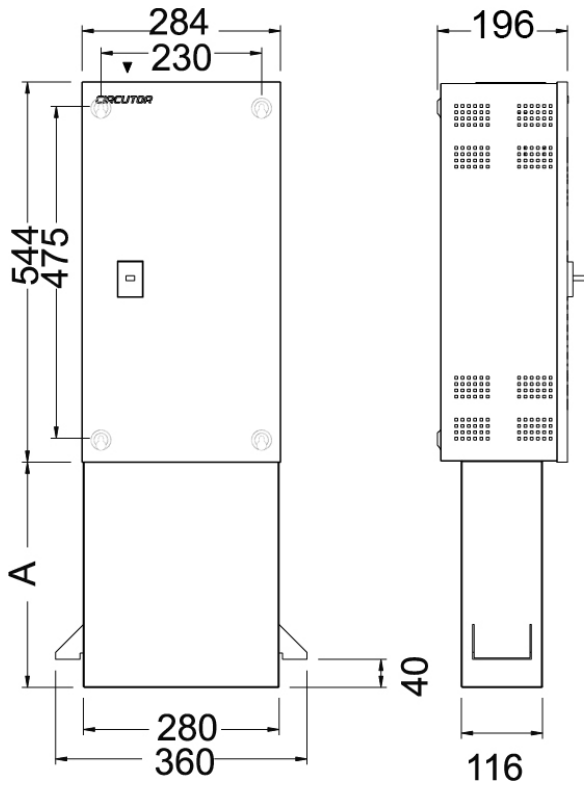


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## Dimensions



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ACF-40/CCF-40	324
ACF-60/CCF-60	549
ACF-80/CCF-80	699