



## ACF-30-230

---

ACF-30-230, Power capacitor with contactor and fuses

Code: R3S161. (CONSULTAR DISPONIBILIDAD)

- > Fuses (A): 160
- > Cable section (mm<sup>2</sup>): 50
- > In (A): 75
- > kvar (230 V): 30
- > Cut off power: 120 kA
- > Use voltage (V): 230
- > Type of protection: contactor and fuse

### Description

---

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

### Application

---

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.



## ACF-30-230

CS Capacitor with contactor and fuses

Code: R3S161.

### 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	230 V
Insulation voltage, circuit	3 kV

#### Mechanical characteristics

Size (mm) width x height x depth	360 x 1004 x 196 (mm)
Envelope	RAL 7035 Grey / RAL 3005 Garnet
Fastening	Vertical
Ventilation	Natural
Weight (kg)	22

#### 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>
--------------------	--------------------

#### Features / performance

Components	CS capacitor Contactors with pre-insertion block and fast discharge resistor Protection at header via high cut-off power fuses (APR)
------------	---

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



## ACF-30-230

---

CS Capacitor with contactor and fuses

Code: R3S161.

## Dimensions

---

