



CCF-75-440, Power capacitor with contactor and fuses

Code: R3SAB1.

> Fuses (A): 160

> Cable section (mm2): 50

> In (A): 99

> kvar (400 V): 63 > kvar (440 V): 75

> Cut off power: 120 kA

> Use voltage (V): 440

#### Description

The fixed capacitors of the CCF 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.







CSB Capacitor with contactor and fuses

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### **Specifications**

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			
Voltage	400 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)	24			
Environmental characteristics				
Protection class	IP 21			
Relative humidity (without condensation)	80%			
Working temperature	$T^{\rm a}$ class D: Daily average: 45 °C, annual average: 35 °C, maximum: 50 °C, minimu -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 In			
Features / performance				
Components	"CSB capacitor Contactors with pre-insertion block and fast discharge resistor			

#### CCF

CSB capacitor with contactor and fuses, 50 Hz

CODE	TYPE	kvar (400 V)	kvar (440 V)	Cable section (mm2)
440 V / 50 Hz				
R3SA21.	CCF-12,5-440	10	12,5	6







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CODE	TYPE	kvar (400 V)	kvar (440 V)	Cable section (mm2)
R3SA31.	CCF-15-440	12,5	15	10
R3SA41.	CCF-20-440	17	20	10
R3SA51.	CCF-25-440	21	25	10
R3SA61.	CCF-30-440	25	30	16
R3SA81.	CCF-37,5-440	31	37,5	25
R3SA91.	CCF-50-440	42	50	35
R3SAA1.	CCF-60-440	50	60	50
R3SAB1.	CCF-75-440	63	75	50
R3SAD1.	CCF-100-440	80	100	70

Cable cross-section for installations with Un= 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**



