CSB-F-20-440

CSB-F-20-440, Power capacitors with fuse protection

Code: R2395F.

> Fuses (A): 50
> Cable section (mm2): 10
> kvar (400 V): 17
> kvar (440 V): 20
> Cut off power: 120 kA
> Use voltage (V): 440
> Type of protection: Fuse

Description

The application of new technologies have allowed CIRCUTOR to reinvent the classic **CS** capacitor.

The spirit of innovation and proprietary technology used during the design of the new **CSB** capacitor have increased the working life of conventional prismatic capacitors by over 60%. This new series has improved all aspects of the previous models, offering our customers a capacitor that is longer lasting, safer and more cost-efficient.

Application

Its application is mainly based on the compensation of transformers and motors. In general, they are used for the compensation of installations with constant loads.

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CSB-F-20-440

Three-phase power capacitor with fuse protection.

Code: R2395F.

Specifications

AC power supply

Frequency	50 Hz

Electrical characteristics

Permanent overload	1,3 In
Losses (W)	Dielectric: < 0,2 W / kvar Total: < 0,5 W / kvar
Discharge resistance	75 V / 3 min
Surge	10%
Tolerance C	± 10 %
Voltage	440 V
Insulation voltage, circuit	3 / 15 kV

Mechanical characteristics

Size (mm) width x height x depth	140 x 381 x 280 (mm)
Envelope	Treated and painted steel in RAL 3005 colour
Thermal management	Natural or forced according to cabinet design
Fastening	Vertical / Horizontal. Minimum distance between condensers 4 cm
Weight (kg)	5,5

Environmental characteristics

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

Features / performance

Components	CS capacitor + general NH-00 type protection fuses with high cut-off power

Protection

Circuit breaker type	Dielectric regeneration Internal fuse Overpressure system Vermiculite

CSB-F
Power capacitors with fuse protection, 50 Hz.

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Three-phase power capacitor with fuse protection.

Code: R2395F.

CODE	TYPE	kvar (400 V)	kvar (440 V)	Use voltage (V)
440 V, 50 Hz				
R23958.	CSB-F-5-440	4	5	440
R2395D.	CSB-F-12,5-440	10	12,5	440
R2395E.	CSB-F-15-440	12,5	15	440
R2395F.	CSB-F-20-440	17	20	440
R2395G.	CSB-F-25-440	21	25	440
R2395H.	CSB-F-30-440	25	30	440
R2395J.	CSB-F-37,5-440	31	37,5	440
R2395K.	CSB-F-50-440	42	50	440
R2395L.	CSB-F-60-440	50	60	440
R2395P.	CSB-F-75-440	63	75	440

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Three-phase power capacitor with fuse protection.

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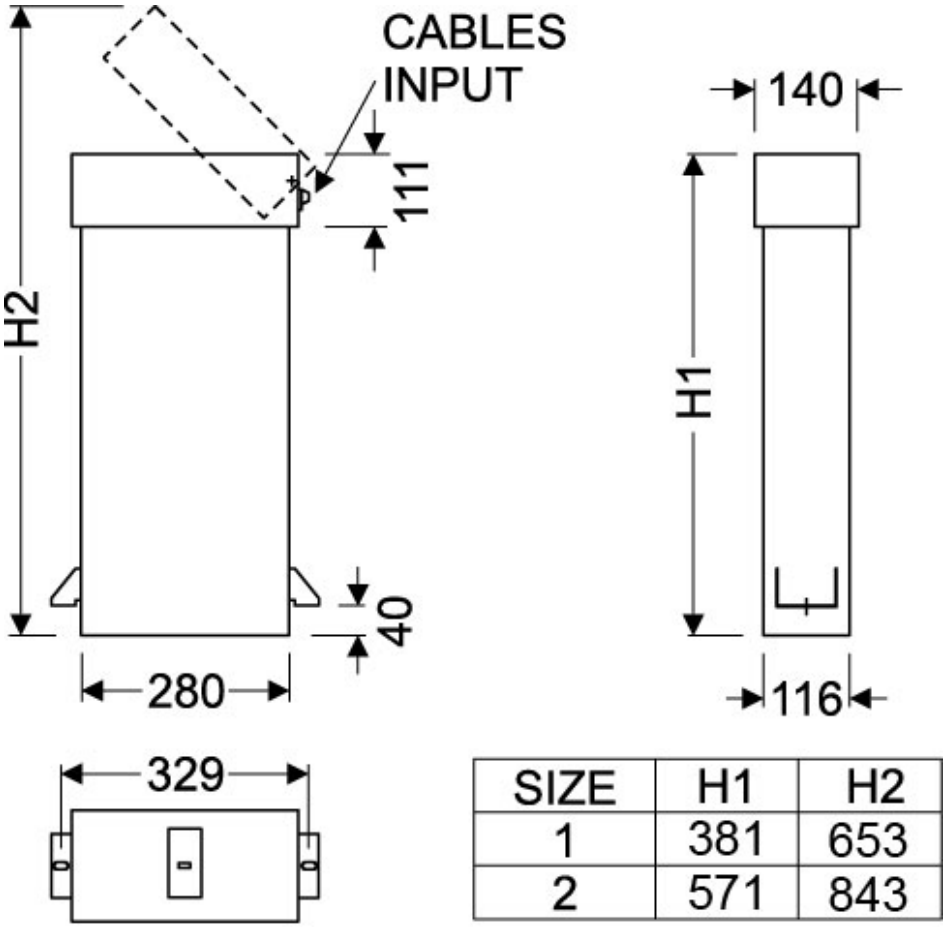
Dimensions



SIZE	H1	H2
1	381	653
2	571	843