

CSB-M-50-440

CSB-M-50-440, Power capacitors with circuit breaker protection

Code: R2394K.

> Cable section (mm2): 25
> kvar (400 V): 42
> kvar (440 V): 50
> Cut off power: 10 kA
> Aut.Switch (A): 100
> Use voltage (V): 440
> Type of protection: Circuit breaker

Description

The application of new technologies have allowed CIRCUTOR to reinvent the classic **CS** capacitor, manufactured for more than 35 years.

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.



CSB-M-50-440

Three-phase power capacitor with circuitbreaker protection

Code: R2394K.

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)	9

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	CSB capacitor General three-pole circuit breaker protection

Protection

Circuit breaker type	Dielectric regeneration Internal fuse Overpressure system Vermiculite

CSB-M
Power capacitors with miniature circuit breaker protection, 50 Hz

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Three-phase power capacitor with circuitbreaker protection

Code: R2394K.

CODE	TYPE	kvar (400 V)	kvar (440 V)	Use voltage (V)
440 Vac, 50 Hz				
R23948.	CSB-M-5-440	4	5	440
R2394A.	CSB-M-7,5-440	6	7,5	440
R2394C.	CSB-M-10-440	8	10	440
R2394D.	CSB-M-12,5-440	10	12,5	440
R2394E.	CSB-M-15-440	12,5	15	440
R2394F.	CSB-M-20-440	17	20	440
R2394G.	CSB-M-25-440	21	25	440
R2394H.	CSB-M-30-440	25	30	440
R2394J.	CSB-M-37,5-440	31	37,5	440
R2394K.	CSB-M-50-440	42	50	440
R2394L.	CSB-M-60-440	50	60	440
R2394M.	CSB-M-75-440	66	75	440

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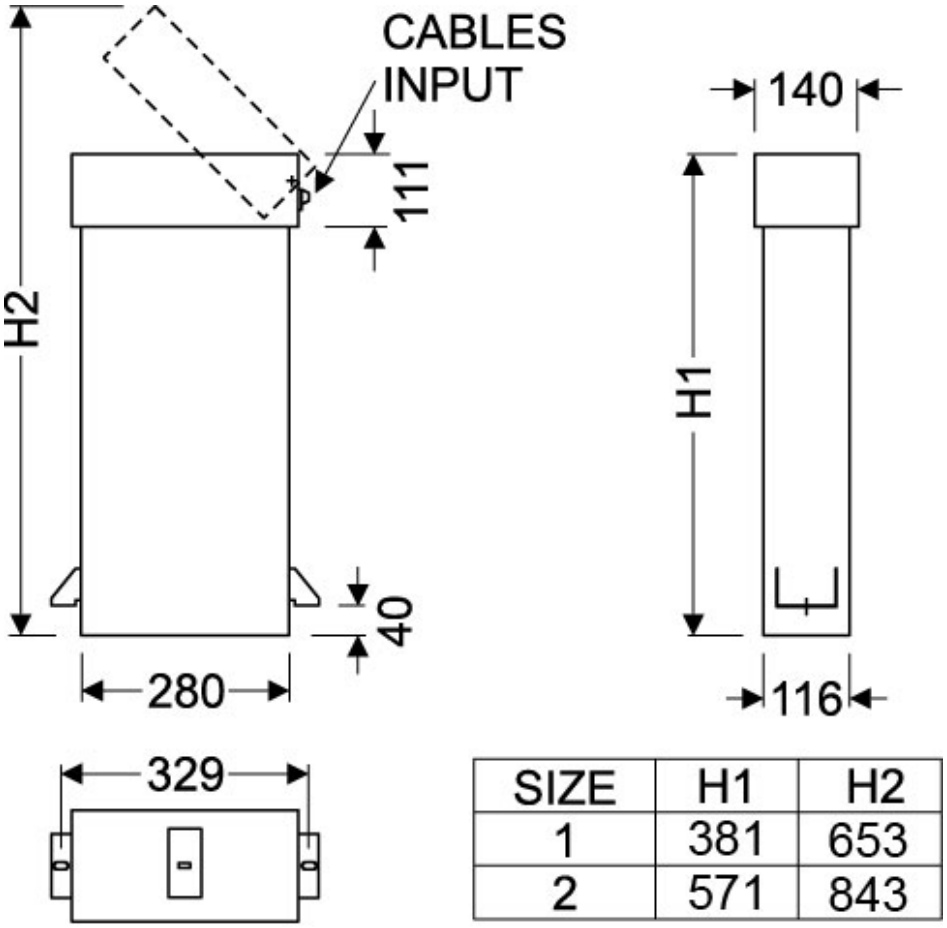


CSB-M-50-440

Three-phase power capacitor with circuitbreaker protection

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Dimensions



SIZE	H1	H2
1	381	653
2	571	843

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