



CSB-M-12,5-440, Power capacitors with circuit breaker protection

Code: R2394D.

> Cable section (mm2): 6

> kvar (400 V): 10

> kvar (440 V): 12,5

> Cut off power: 6 kA

> Aut.Switch (A): 25

> 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.







Three-phase power capacitor with circuitbreaker protection

Code: R2394D.

Specifications

Frequency	50 Hz		
Electrical characteristics			
Permanent overload	1,3 ln		
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		
Fastening	Vertical / Horizontal. Minimum distance between condensers 4 cm		
Ventilation	Natural or forced according to cabinet design		
Weight (kg)	5,5		
Environmental characteristics			
Protection class	IP 42 with terminal cover		
Relative humidity (without condensation)	80%		
Working temperature	T° 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		

Power capacitors with miniature circuit breaker protection, 50 Hz







Three-phase power capacitor with circuitbreaker protection

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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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Dimensions



