

Product SPECIFICATION SHEET

C440-* - 3 PHASE PF CAPACITOR

Characteristics and utility

- Three phase capacitor DUAL WINDING internally delta connected
- Discharge resistors Incorporated
- Reactive power factor correction
- Dry type
- Connector type terminal
- Indoor mounting

Triple safety

- Overpressure disconnection system
- Protection by internal fuses
- DWCAP system (patented) internal windings displacement

Construction and materials

- Low losses metallized self-healing polypropylene film, high density, high temperature and greater dielectric resistance Volt/ μ
- Polyurethane self-extinguishing resin V0 (Flame retardant), developed under standard UL94 by RTR Energía with certification number 20141031-E470994
- Aluminium case with bottom fixing M12x16

Discharge time

- 50V/ 60s

Standards

- IEC 60831-1/2:2014
- UNE-EN 60831-1/2:2014

Certifications



*Certified product up to 525V and 35kVAr

Technical Characteristics

Capacitance tolerance	-5 % +10%
Frequency	50 Hz (60 Hz upon request)
Temperature range	-25°C +55°C (Class D)
Dielectric losses	≤ 0.2 W/KVAr
Total losses	≤ 0.40 W/KVAr*
Over voltage	1.10 x Un (8 h/day) 1.15 x Un (30 min/day) 1.20 x Un (5 min/day) 1.30 x Un (1 min/day)
Over current	1.60xIn
Max. THD in voltage	2 %
Max. THD in current	25 %
Discharge resistance	Incorporated
Connection	Delta
Voltage test between terminals	2.15xUn 10s
Voltage test between terminals and case	5kV AC for 1min
Inrush current	Upto 250 x In
Protection	IP-20
Humidity	Max. 95%
Life Expectancy	130.000h
Altitude	Max. 4000m.a.s.l.
Mounting position	Universal
Min. mounting distance between capacitors	10mm

* Without resistors

BRANCH CONTACT DETAILS

Johannesburg	010 202 3300
Germiston	011 418 9600
Cape Town	021 510 0710
Pinetown	031 700 4215
Riverhorse	031 492 4800

NATIONAL CALL CENTRE

Sales 010 202 3400
Technical 010 202 3500

www.acdc.co.za

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Cylindrical 3 Phase Power Factor Capacitors - 400V

Code	Rated Voltage	kVAr at		Current per phase	Backup Fuse	Wire Size	Size (mm) Ø x H
		440V	400V				
C440-010	440V	1	0.8	1.2A	2A	2.5mm ²	70 x 260
C440-015	440V	1.5	1.2	1.7A	4A	2.5mm ²	70 x 260
C440-020	440V	2	1.4	2.0A	4A	2.5mm ²	70 x 260
C440-025	440V	2.5	2	2.9A	4A	2.5mm ²	70 x 260
C440-030	440V	3	2.5	3.6A	6A	2.5mm ²	70 x 260
C440-040	440V	4	3.3	4.8A	8A	2.5mm ²	70 x 260
C440-050	440V	5	4.2	6A	8A	2.5mm ²	70 x 260
C440-075	440V	7.5	6.2	9A	16A	6mm ²	85 x 260
C440-100	440V	10	8.2	12A	16A	6mm ²	70 x 260
C440-125	440V	12.5	10.3	15A	20A	6mm ²	85 x 260
C440-150	440V	15	12.3	18A	25A	6mm ²	85 x 260
C440-200	440V	20	16.4	24A	32A	10mm ²	100 x 260
C440-250	440V	25	20.5	30A	40A	16mm ²	120 x 260
C440-300	440V	30	24.6	36A	50A	16mm ²	120 x 260
C440-350	440V	35	29	42A	63A	25mm ²	136 x 260
C440-400	440V	40	33	48A	63A	25mm ²	136 x 260
C440-500	440V	50	41	60A	80A	50mm ²	136 x 300

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