

Product SPECIFICATION SHEET

C550-* - 3 PHASE PF CAPACITOR

Characteristics and utility

- Three phase capacitor
- Delta connection
- Discharge resistors incorporated
- Reactive power factor correction
- Dry type
- Connector type terminal
- Indoor terminal

Safety

- Overpressure disconnection system
- Protection by internal fuses.

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 Energia and with certification number 20141031-E470994
- Aluminium case with bottom fixing M12x16

Discharge time

- 50V/ 60s

Standard

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



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	1,6xIn
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	Up to 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

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Cylindrical 3 Phase Power Factor Capacitors - 525V

Code	Rated Voltage	kVAr at		Current per Phase	Backup Fuse	Wire Size	Size (mm) Ø x H
		550V	400V				
D2800	525V	5	2.6	3.7A	6A	4mm ²	70 x 215
C550-75	525V	7.5	4	5.6A	10A	4mm ²	85 x 260
C550-100	525V	10	5.3	7.5A	16A	4mm ²	85 x 260
C550-125	525V	12.5	6.6	9.3A	16A	4mm ²	100 x 260
C550-150	525V	15	7.9	11.2A	20A	6mm ²	100 x 260
C550-200	525V	20	10.6	14.9A	25A	6mm ²	100 x 345
C550-250	525V	25	13.2	18.6A	30A	10mm ²	120 x 345
C550-300	525V	30	15.9	22.4A	40A	10mm ²	120 x 345
C550-400	525V	40	21.1	29.8A	50A	16mm ²	136 x 345
C550-500	525V	50	26.4	37.30A	60A	25mm ²	136 x 345

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