

Three phase capacitors

230/400/415/440/480/525/690 V, 50 Hz

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



Code	Power	Voltage	Frequency	Current	Capacitance	Dimensions
	KVAr	V	Hz	A	µF	mm
D2300255TER0000	2,5	230	50	6,28	3x 50,14	70x260
D2300505TER0000	5	230	50	12,5	3x100,29	85x260
D2300755TER0000	7,5	230	50	18,83	3x150,43	100x260
D2301005TER0000	10	230	50	25,10	3x200,57	120x265
D2301255TER0000	12,5	230	50	31,38	3x250,72	136x265
D2301505TER0000	15	230	50	37,65	3x300,86	136x265

Code	Power	Voltage	Frequency	Current	Capacitance	Dimensions
	KVAr	V	Hz	A	µF	mm
D4000755TER0000	7,5	400	50	10,83	3x49,74	70 x 260
D4001005TER0000	10	400	50	14,43	3x66,31	85 x 260
D4001255TER0000	12,5	400	50	18,04	3x82,89	85 x 260
D4001505TER0000	15	400	50	21,65	3x99,47	100 x 260
D4002005TER0000	20	400	50	28,87	3x132,63	120 x 265
D4002505TER0000	25	400	50	36,08	3x165,79	120 x 265
D4003005TER0000	30	400	50	43,30	3x198,94	136 x 265

Code	Power	Voltage	Frequency	Current	Capacitance	Dimensions
	KVAr	V	Hz	A	µF	mm
D4150755TER0000	7,5	415	50	10,43	3x46,21	70 x 260
D4151005TER0000	10	415	50	13,91	3x61,61	85 x 260
D4151255TER0000	12,5	415	50	17,39	3x77,01	85 x 260
D4151505TER0000	15	415	50	20,87	3x92,41	100 x 260
D4152005TER0000	20	415	50	27,82	3x123,21	120 x 265
D4152505TER0000	25	415	50	34,78	3x154,02	120 x 265
D4153005TER0000	30	415	50	41,74	3x184,82	136 x 265
D4153505TER0000	35	415	50	48,69	3x215,63	136 x 265

Code	Power	Voltage	Frequency	Current	Capacitance	Dimensions
	KVAr	V	Hz	A	µF	mm
D4400755TER0000	7,5	440	50	9,84	3x 41,10	70x260
D4401005TER0000	10	440	50	13,12	3x 54,81	70x260
D4401255TER0000	12,5	440	50	16,40	3x 68,51	85x260
D4401505TER0000	15	440	50	19,68	3x 82,21	85x260
D4402005TER0000	20	440	50	26,24	3x109,61	100x260
D4402505TER0000	25	440	50	32,80	3x137,01	120x265
D4403005TER0000	30	440	50	39,36	3x164,42	120x265
D4403505TER0000	35	440	50	45,93	3x191,82	136x265
D4404005TER0000	40	440	50	52,49	3x219,22	136x265

Code	Power	Voltage	Frequency	Current	Capacitance	Dimensions
	KVAr	V	Hz	A	µF	mm
D4800755TER0000	7,5	480	50	9,02	3x 34,54	70x260
D4801005TER0000	10	480	50	12,03	3x 46,05	85x260
D4801255TER0000	12,5	480	50	15,04	3x 57,56	100x260
D4801505TER0000	15	480	50	18,04	3x 69,08	100x260
D4802005TER0000	20	480	50	24,06	3x 92,10	120x265
D4802505TER0000	25	480	50	30,07	3x115,13	120x265
D4803005TER0000	30	480	50	36,08	3x138,16	136x265
D4803505TER0000	35	480	50	42,10	3x161,18	136x265

Code	Power	Voltage	Frequency	Current	Capacitance	Dimensions
	KVAr	V	Hz	A	µF	mm
D5250755TER0000	7,5	525	50	8,25	3x 28,87	70x260
D5251005TER0000	10	525	50	11,00	3x 38,50	85x260
D5251255TER0000	12,5	525	50	13,75	3x 48,12	85x260
D5251505TER0000	15	525	50	16,50	3x 57,74	100x260
D5252005TER0000	20	525	50	21,99	3x 76,99	120x265
D5252505TER0000	25	525	50	27,49	3x 96,24	120x265
D5253005TER0000	30	525	50	32,99	3x115,49	136x265
D5253505TER0000	35	525	50	38,49	3x134,73	136x265

Code	Power	Voltage	Frequency	Current	Capacitance	Dimensions
	KVAr	V	Hz	A	µF	mm
D6900755TER0000	7,5	690	50	6,28	3x16,71	70x260
D6901005TER0000	10	690	50	8,37	3x22,29	85x260
D6901255TER0000	12,5	690	50	10,46	3x27,86	100x260
D6901505TER0000	15	690	50	12,55	3x33,43	100x260
D6902005TER0000	20	690	50	16,73	3x44,57	120x260
D6902505TER0000	25	690	50	20,92	3x55,71	120x265
D6903005TER0000	30	690	50	25,10	3x66,86	136x265

* Other powers, voltages and frequencies upon request.