POWER FACTOR CORRECTION CAPACITORS



- Terminals – stud type
- Discharge resistors fitted
- Manufactured to EN60831-1/2

3 Phase Capacitors – Steel Enclosed Type

Code	Rated Voltage	kVAr at 440V	kVAr at 400V	Current per Phase	Backup Fuse	Wire Size	Dimensions mm H x A x P
R0440-050	440V	5	4.1	6A	10A	2.5mm^2	300 x 115 x 115
R0440-075	440V	7.5	6.2	9A	16A	4mm^2	300 x 115 x 115
R0440-100	440V	10	8.2	12A	20A	4mm^2	300 x 115 x 115
R0440-125	440V	12.5	10.3	15A	25A	6mm^2	300 x 115 x 115
R0440-150	440V	15	12.3	18A	32A	10mm^2	300 x 115 x 115
R0440-200	440V	20	16.4	24A	40A	10mm^2	425 x 165 x 150
R0440-250	440V	25	20.5	30A	50A	10mm^2	425 x 165 x 150
R0440-300	440V	30	24.6	36A	63A	16mm^2	425 x 165 x 150
R0440-350	440V	35	28.7	42A	80A	16mm^2	425 x 165 x 150
R0440-400	440V	40	32.8	48A	80A	25mm^2	425 x 165 x 150
R0440-450	440V	45	36.9	54A	100A	25mm^2	425 x 165 x 150
R0440-500	440V	50	41.0	60A	100A	50mm^2	425 x 165 x 150
R0440-600	440V	60	49.2	72A	125A	70mm^2	425 x 320 x 150
R0440-700	440V	70	57.4	83A	160A	70mm^2	425 x 320 x 150
R0440-800	440V	80	65.6	95A	160A	95mm^2	425 x 320 x 150

MOTOR STARTING & LIGHTING CAPACITORS



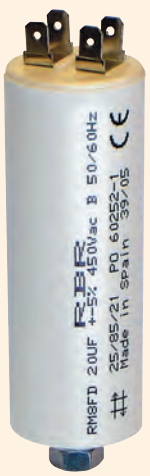
Lighting Capacitors – 250VAC. Supplied with 150mm flying leads and M8 mounting stud

Code	Capacitance (µF)	Size Ø x H mm	Code	Capacitance (µF)	Size Ø x H mm	Code	Capacitance (µF)	Size Ø x H mm
CA-02MF	2	25 x 53	CA-08MF	8	30 x 73	CA-18MF	18	35 x 73
CA-02.5MF	2.5	25 x 53	CA-09MF	9	30 x 73	CA-20MF	20	35 x 96
CA-03MF	3	25 x 53	CA-10MF	10	30 x 73	CA-25MF	25	35 x 96
CA-03.5MF	3.5	25 x 53	CA-11MF	11	30 x 73	CA-30MF	30	40 x 95
CA-04MF	4	25 x 53	CA-12MF	12	35 x 73	CA-32MF	32	40 x 95
CA-04.5MF	4.5	25 x 53	CA-13MF	13	35 x 73	CA-35MF	35	40 x 95
CA-05MF	5	25 x 69	CA-13.5MF	13.5	35 x 73	CA-40MF	40	50 x 100
CA-06MF	6	25 x 69	CA-14MF	14	35 x 73	CA-45MF	45	50 x 100
CA-06.3MF	6.3	25 x 69	CA-15MF	15	35 x 73	CA-50MF	50	50 x 100
CA-07MF	7	25 x 69	CA-16MF	16	35 x 73	CA-55MF	55	50 x 100
CA-07.5MF	7.5	30 x 73	CA-17.5MF	17.5	35 x 73	CA-60MF	60	50 x 100

Specifications

- Dielectric material: Metalised polypropylene, low loss non-inductive winding.
- Case and cover: self-extinguishing thermoplastic resin.
- Lead: 2 x 0.75mm^2. PVC 90°C.
- Reference standards: CEI 33-3; VDE 560-8; ASE 1029; VDE EN60252.
- Climatic category: 25/85/21.
- Standard tolerance: ±5%; -2+8%.
- Rated frequency: 50 – 60Hz.
- Voltage: 1.1 Un at 50Hz.
- Dissipation factor at 20°C, V = Un, 50Hz: ≤15:10-4

Motor Run Capacitors – 480VAC



With mounting stud M8

Code	Capacitance (µF)	Size Ø x H mm
CAR-01.5MF	1.5	25 x 55
CAR-02MF	2	25 x 55
CAR-03MF	3	30 x 63
CAR-04MF	4	32 x 73
CAR-05MF	5	32 x 73
CAR-06MF	6	32 x 73
CAR-08MF	8	32 x 73
CAR-10MF	10	32 x 73
CAR-12MF	12	35 x 75
CAR-14MF	14	35 x 75
CAR-16MF	16	35 x 75
CAR-18MF	18	35 x 98
CAR-20MF	20	35 x 98
CAR-25MF	25	35 x 98
CAR-30MF	30	40 x 94
CAR-40MF	40	50 x 100
CAR-50MF	50	50 x 100
CAR-60MF	60	55 x 120

Motor Start Capacitors – 275VAC



Code	Capacitance (µF)	Size Ø x H mm
CAS-030MF	30 - 36	50 x 85
CAS-050MF	53 - 64	50 x 85
CAS-080MF	65 - 80	50 x 85
CAS-100MF	88 - 106	50 x 85
CAS-125MF	124 - 149	50 x 85
CAS-130MF	130 - 156	50 x 85
CAS-160MF	145 - 174	50 x 85
CAS-300MF	270 - 324	50 x 110
CAS-328MF	328 - 454	60 x 110

Motor Run Capacitors with Flylead – 440VAC



Code	Capacitance (µF)	Size Ø x H mm
CAR-20MF-FL	20	41 x 75
CAR-25MF-FL	25	41 x 75
CAR-30MF-FL	30	44 x 93

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