

THREE-PHASE MODULAR CAPACITORS – SERIES CMA3

CONSTRUCTIVE TECHNOLOGY

Our three-phase modular Capacitors are composed of three single-phase Capacitors - series CMA1 – connected in triangle and mounted in a steel case. The case is equipped with an external protection cover and a specific fixing bracket. The terminals are made in reinforced nylon in fiberglass that ensures a protection degree IP30. With these modules, the assembly in banks with one or more units is therefore possible.

USAGE

Thanks to their modularity, they are particularly suitable for the fixed compensation of motors or transformers.



CONDENSATORI TRIFASE MODULARI
MODULAR THREE-PHASE CAPACITORS

CODICE REFEREN CE	KVAR	V	A	UF	DIMENSIONI / DIMENSIONS		
					W (mm)	D (mm)	H (mm)
CMA32325	2.5	230	6.28	3 x 50.2	250	80	283
CMA32350	5.0	230	12.56	3 x 100.3	250	80	283
CMA34025	2.5	400	3.60	3 x 16.6	250	80	283
CMA34050	5.0	400	7.20	3 x 33.3	250	80	283
CMA34075	7.5	400	10.80	3 x 50.0	250	80	283
CMA34100	10.0	400	14.40	3 x 66.7	250	80	283
CMA34125	12.5	400	18.00	3 x 38.3	250	80	283
CMA34105	5.0	415	6.96	3 x 30.8	250	80	283
CMA34110	10.0	415	13.93	3 x 61.6	250	80	283
CMA34112	12.5	415	17.41	3 x 77.0	250	80	283
CMA34405	5.0	440	6.56	3 x 27.3	250	80	283
CMA34410	10.0	440	13.13	3 x 54.7	250	80	283
CMA34412	12.5	440	16.42	3 x 68.7	250	80	283
CMA34415	15.0	440	19.70	3 x 82.0	250	80	283
CMA34805	5.0	480	6.02	3 x 23.0	250	80	283
CMA34810	10.0	480	12.04	3 x 46.0	250	80	283
CMA34812	12.5	480	15.05	3 x 57.6	250	80	283
CMA34815	15.0	480	18.06	3 x 69.1	250	80	283
CMA35205	5.0	525	5.51	3 x 19.2	250	80	283
CMA35210	10.0	525	11.01	3 x 39.5	250	80	283
CMA35215	15.0	525	15.52	3 x 57.7	250	80	283

CARATTERISTICHE TECNICHE / <i>TECHNICAL DETAILS</i>	
Tolleranza sulla capacità <i>Tolerance on capacitance</i>	-5 % ÷ +10 %
Tensione nominale (Un) <i>Rated voltage (Un)</i>	230 – 400 – 415 – 440 – 480 – 525 V
Frequenza nominale <i>Rated frequency</i>	50 Hz (60 Hz a richiesta) - <i>50 Hz (60 Hz on request)</i>
Classe temperatura <i>Temperature class</i>	-25 ° C / +55 ° C
Perdite elettriche <i>Dielectric losses</i>	≤ 0,2 W/kvar
Prova di tensione tra i terminali <i>Voltage test between the terminals</i>	2,15 Un per 2" – 2,15 Un for 2"
Prova di tensione tra terminali e la cassa <i>Voltage test between the terminals and case</i>	3 KV per 10"
Resistenze di scarica <i>Discharge resistors</i>	Esterne (riduzione a 75 V entro 3 min) <i>External (reduction to 75 V within 3 min)</i>
Terminali <i>Terminals</i>	3 viti M8 / <i>3 M8 screws</i>
Grado di protezione <i>Degree of protection</i>	IP 30 con coperchio di protezione – <i>IP 30 with protection cover</i>
Durata vita prevista <i>Expected life</i>	>100.000 h (classe D) - >130.000 h (classe C)
Servizio <i>Service</i>	Continuo – <i>Continuous</i>
Fissaggio <i>Fixing</i>	Tramite staffe asolate 8x10 mm per vite M8 <i>With slotted brackets 8x10 mm for M8 screws</i>
Norme di riferimento <i>Reference standards</i>	CEI EN 60831-1/2, IEC 60831- 1/2

