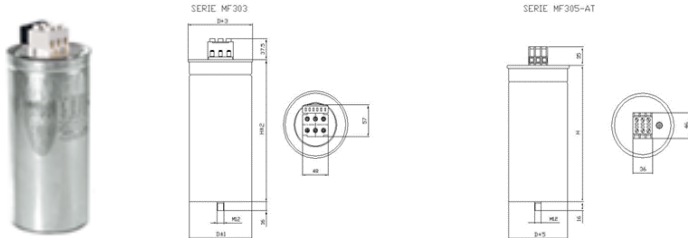


Capacitor Three phase MF303-MF305



Three phase capacitor make from the single phase capacitor elements wired internally in a delta connection and closed inside metal case. The parts are assembled by crimping to ensure perfect airtightness of the system and efficient operation of the overpressure safety device. The capacitors are equipped with studs treated in the bottom, terminals connection on the top, and discharge resistor.

DATA CAPACITOR		MF303	MF305
Rated Power	kVAr	5 10 12,5 20 25	5 10 12,5 20 25
Range Rated voltage	V	230V÷800V	230V÷800V
Rated frequency, ±1 Hz	Hz	50/60	50/60
Duty	-	continuous	continuous
Case	-	Cylindrical alluminium can	Cylindrical alluminium can
Test voltage terminal/terminal (AC)	Un	2,15 x Un, 2 s	2,15 x Un, 2s
Impregnation	-	Dry resin	Inert gas Nitrogen N2
Dielectric system	-	MKP	MKP
Losses dielectric	W/kVAr	≤ 0,2	≤ 0,2
Overvoltage	-	1,1 Un up to 8h/daily 1,15 Un up to 30 min/daily 1,20 Un up to 5 min/daily 1,30 Un up to 1min/daily	1,1 Un up to 8h/daily 1,15 Un up to 30 min/daily 1,20 Un up to 5 min/daily 1,30 Un up to 1min/daily
Inrush current	I	200xIn	400xIn
Overcurrent	-	4In	2In
Class of temperature	-	-25/D (-25 +55°)	-50/D (-50 +65°)
THDi allowed (r) On capacitors (c)	%	Vn= 415V r/c 20/50 Vn= 450V r/c 25/70	Vn= 415V r/c 15/50 Vn= 450V r/c 20/70
Statistical life expectancy	h	110.000 (-25/D) 130.000 (-25/C)	150.000 (-50/D) 200.000 (-50/C)
Altitude max	m	≤ 2.000 on sea level	≤ 4.000 on sea level
Discharge resistor	-	75V – 180 s	50V – 60 s
Safety features	-	Overpressure disconnecter	Overpressure disconnecter
Degree of protection	IP	20	20
Installation		Indoords	Indoords
Capacitor tollerance	%	-5 / +10%	-5 / +10%
Standards	-	IEC 831-1/2	CEI EN 60831, UL No 810, GOST 1282-88, VDE 0560 46+47