



DATASHEET

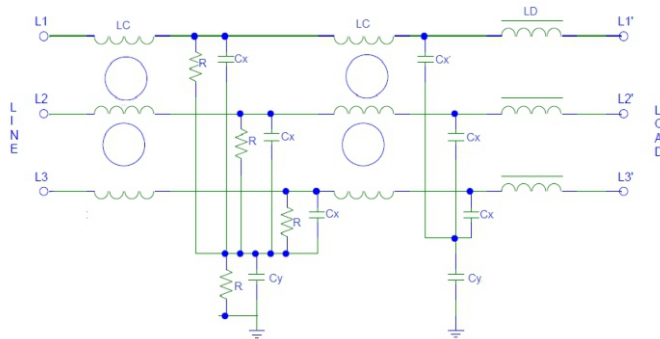
THREE PHASE EMI FILTER - MF423 3 3D BB

Description

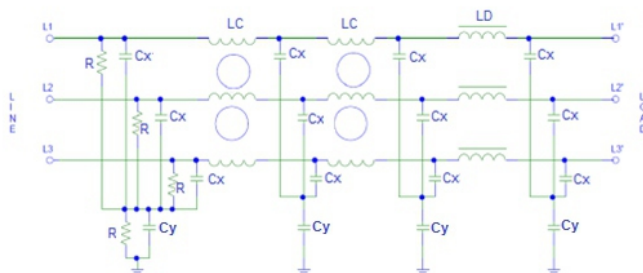
These series range of three phase filter is designed for higher current rating for application in PV systems and Power Drive applications with superior attenuation performance needed to fulfill EMC Standards.

Typical Circuit Diagram

300A to 600A



700A to 1000A



Approvals & Compliance



Features

General Purpose

High Current rating

Superior Performance

Bus bar Terminals

Available with protective Cover

Applications

CNC Machines

AC/DC Drives

Convertors

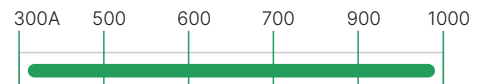
Elevators

HVAC

Performance Indicators

Standard	High	Very High
█	█	

Rated current [A]



Technical Specifications

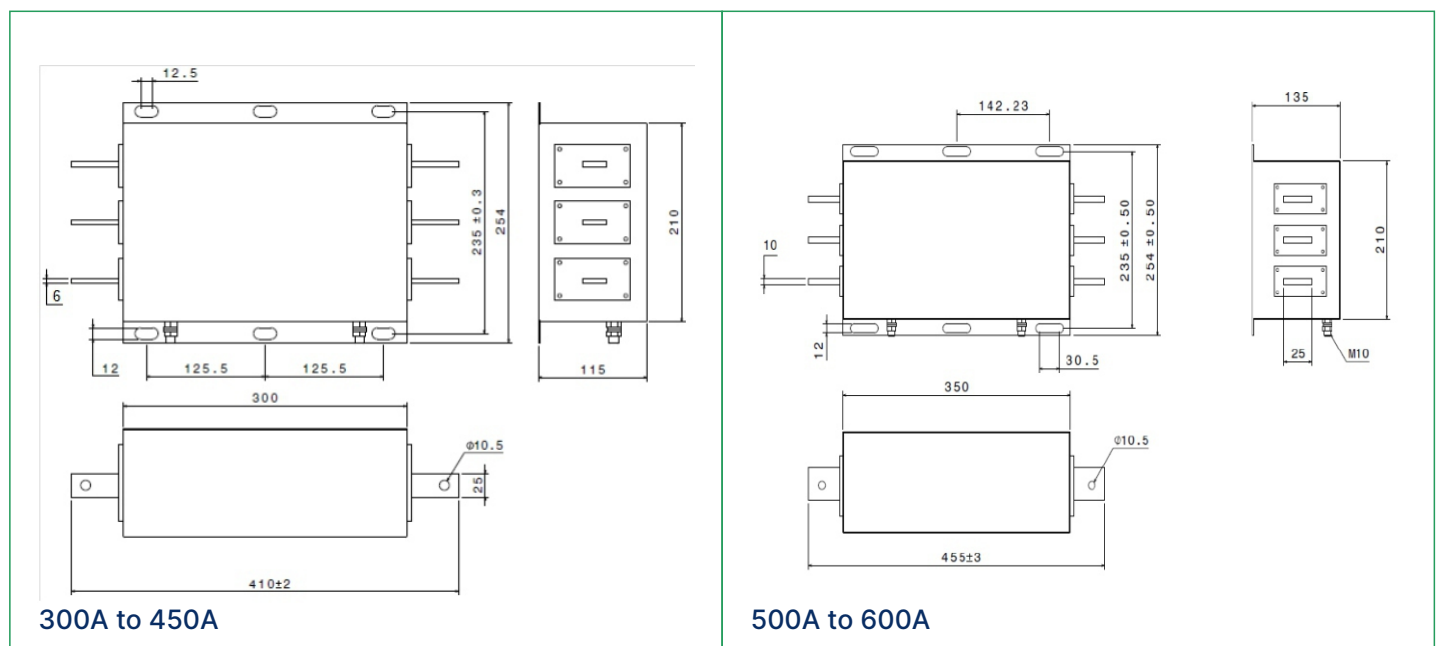
Maximum Continuous operating voltage	440/520VAC
Operating Frequency	50/60 Hz
Current ratings	300A to 1000A @ 40°C
High Potential test voltage	L to G 2660Vdc for 1 Minute L to L 1950Vdc for 1 Minute
Overload Capability	135% of Rated current for 15 minutes
Design Corresponding to	UL 60939-3, CSA 22.2 No.8-13 and IEC 60939
Flammability corresponding to	UL 94 V-0
Temperature range	-25°C to +85°C
Climatic Category	25/85/21
Enclosure	Aluminium

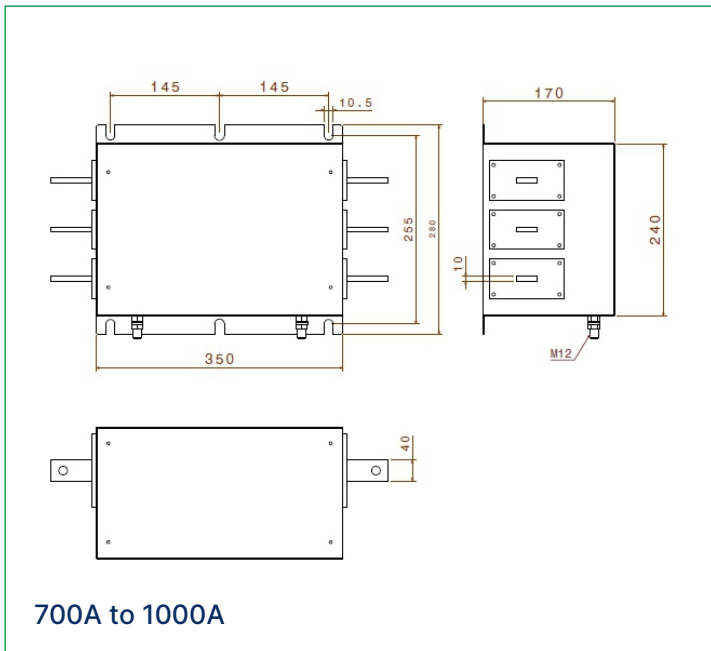
Ordering Code Information

Part Number	Ordering code (for 440VAC)	Ordering code (for 520VAC)	Rated Current @40°C	Termination 	Weight (Kg)
MF 423 3 3D BB	E100102-2	E101897-2	300A	Bus Bar -25x6mm	18
MF 423 3 3D BB	E100102-3	E101897-3	320A	Bus Bar -25x6mm	18
MF 423 3 3D BB	E100102-4	E101897-4	400A	Bus Bar -25x6mm	18
MF 423 3 3D BB	E100102-5	E101897-5	450A	Bus Bar -25x6mm	18
MF 423 3 3D BB	E100102-6	E101897-6	500A	Bus Bar -25x10mm	21
MF 423 3 3D BB	E100102-7	E101897-7	550A	Bus Bar -25x10mm	21
MF 423 3 3D BB	E100102-8	E101897-8	600A	Bus Bar -25x10mm	21
MF 423 3 3D BB	E100102-9	E101897-9	700A	Bus Bar -40x10mm	26
MF 423 3 3D BB	E100102-10	E101897-10	800A	Bus Bar -40x10mm	26
MF 423 3 3D BB	E100102-11	E101897-11	1000A	Bus Bar -40x10mm	26

Filters with 520VAC are not covered under NEMKO.

Mechanical Drawing





All dimensions in mm; Tolerances according to ISO2768-m

Insertion Loss

