Datasheet | EMI filter with feed through capacitor

EMI filter with feed through capacitor

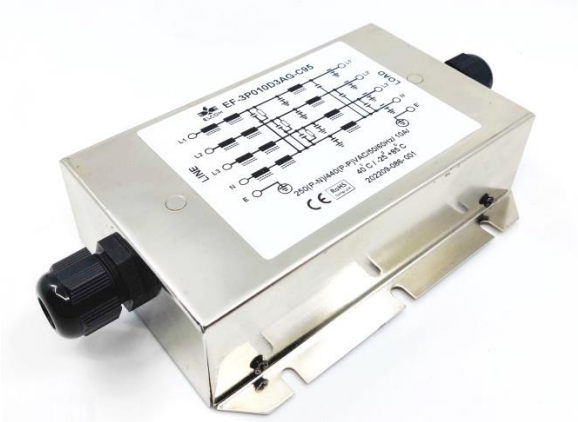


*Image shown is for illustrative purpose only

Conformance

CE RoHS COMPLIANT

Technical specifications

Operating voltage	250/440 VAC
Current rating	10A
Frequency	50/60Hz
Voltage drop	1 Volt max.
High potential test voltage	L -> E 1500VAC
Insulation resistance	≥ 300 MΩ @ 500VDC (PN→E)
Operating temperature	40°c /-25°c +85°c

Features and benefits

- Very low internal series inductance
- Very high self-resonant frequency
- Self-healing dielectric
- High quality and reliability
- Custom-specific or dual-versions on request
- Cost effective solution
- All filters provide high attenuation performance

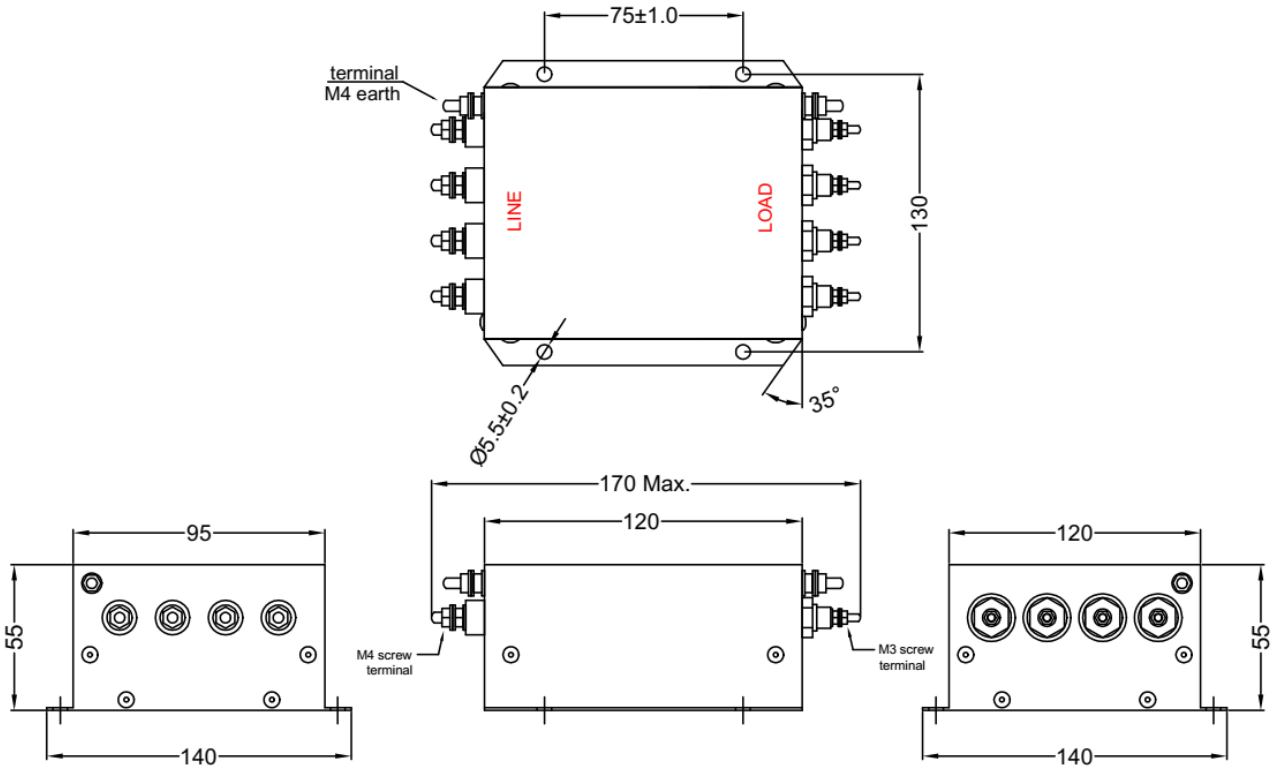
Attenuation Type

Triple stage — High

Applications

- Power line filter
- Medical equipment
- Power supplies
- Switching and cellular equipment
- Computer servers
- UPS power supplies
- Medical equipment
- Shielded rooms
- Increasing system and information security
- Radar applications
- Electro mobility
- VFD

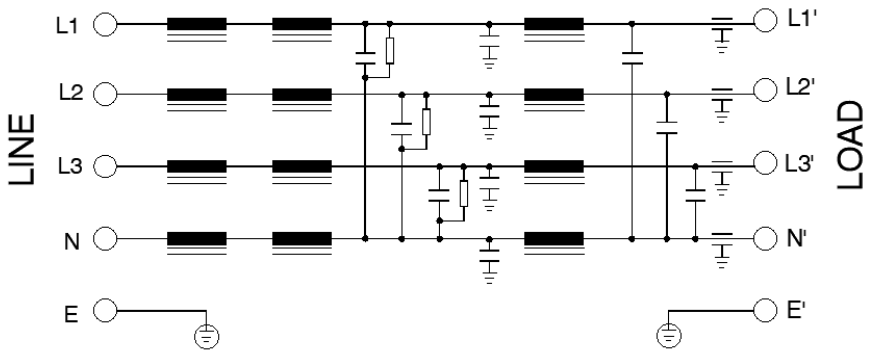
Mechanical details



All dimensions in mm

Electrical schematic

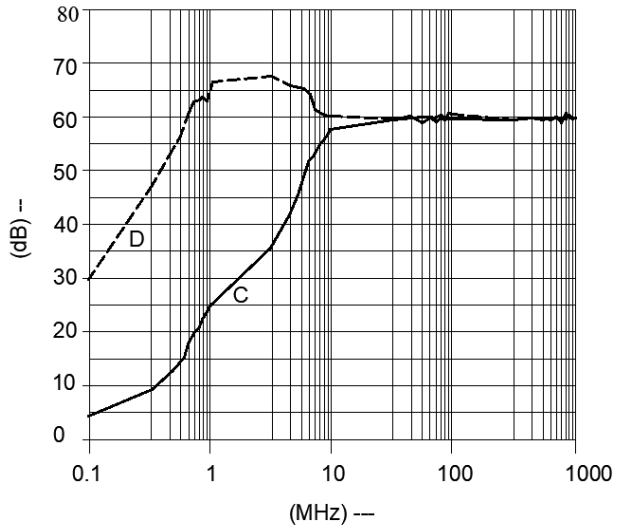
General purpose



Filter attenuation Graph

C = Common mode (asymmetrical) ————

D = Differential mode (symmetrical) ----------



Connection Type

Current Rating (A)	Screw terminal	Screw terminal	Earthing
10	For Input M4	For Output M3	M4 screw

Syntax

EF – 3P CCC X YY G – C95

Filter Series	
G	CE RoHS compliant
3A	Triple stage
D	Screw terminal
010	Rated current
3P	250/440 VAC

- To compile complete part number, replace the 'X' with required I/O connection terminal. (e.g. EF-3P010D3AG-C95).
- Maximum leakage under usual AC operating conditions (acc. IEC 60939-3). Note: if the neutral line is interrupted, worst case leakage could reach twice this level.
- Customize products provided on request.

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REV	IS	WAS	DATE	SIGN	APP.

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