



**THE DATASHEET OF
FLLD3006AAW04**



Overview

AW Three-Phase and Neutral Filters provide a cost-effective level of suppression within compact enclosures. The filter housing's small footprint and low profile ensures ease of installation within manufacturers' original equipment. Benefits include current ratings from 3 A to 20 A, solid high-frequency attenuation, and screw and faston termination styles.

Applications

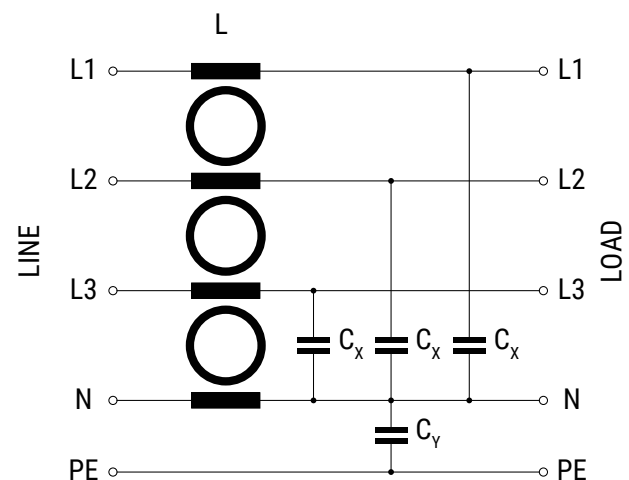
The AW is designed to suit a wide variety of general purpose power applications, equipment cabinets, and industrial control systems.



Technical Specifications

Item	Parameters/Characteristics
Rated Voltage	440 VAC
Rated Frequency	50 – 60 Hz
Rated Current	3 – 10 A
Rated Temperature	-25°C to +85°C
Climate Category	25/085/21
Voltage Test	P → P 1,700 VDC P → E 3,000 VDC

Typical Electrical Schematic



Technical Specifications cont.

Part Number	I_R (A)	L (mH)	C_x (μ F)	C_y (nF)	I_L (μ A) ¹
FLLD3003AAW03	3	4 x 0.25	0.1	22	83
FLLD3003AAW04	3	4 x 0.45	0.1	4.7	18
FLLD3006AAW04	6	4 x 0.45	0.1	4.7	18
FLLD3006AAW03	6	4 x 0.45	0.1	22	83
FLLD3010AAW01	10	4 x 1.5	0.1	22	83
FLLD3010AAW02	10	4 x 0.2	0.1	4.7	18

¹ The calculation is according to IEC 60939. During fail conditions, the current may be higher.

Approvals

The FLLD3 – AW is designed according to IEC/EN/UL 60939 and UL1283.

Standard	Certification Body	File Number
UL 1283, 5th Edition	UL	E192374

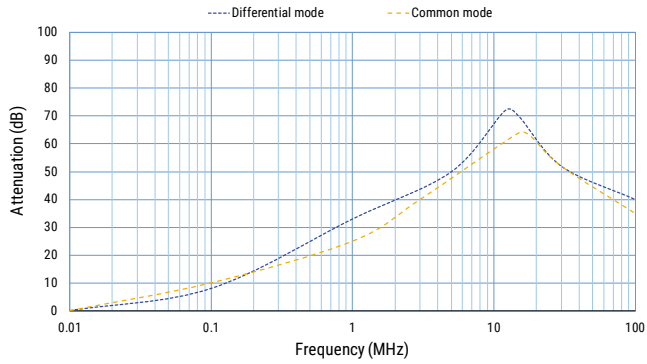
Environmental Compliance

KEMET EMI filters are RoHS Compliant.

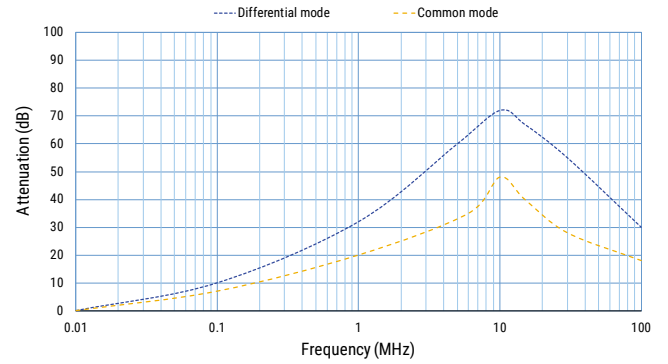


Typical Insertion Loss

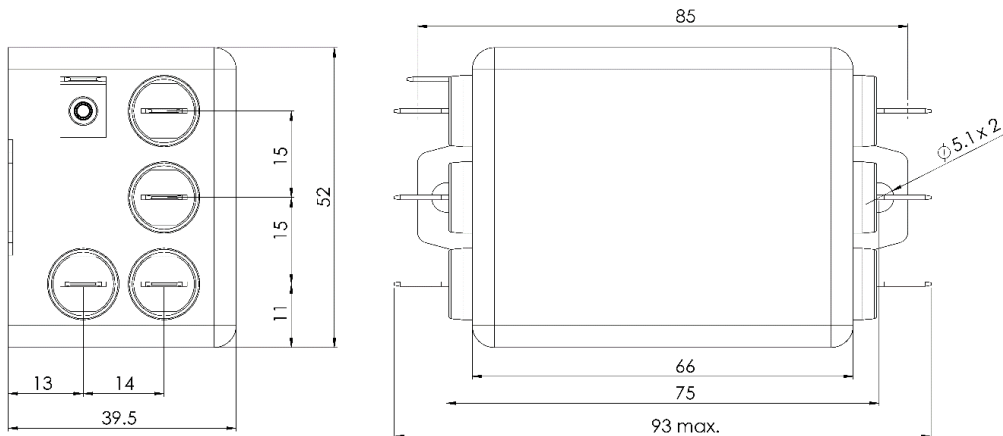
3 and 6 A



10 A



Mechanical Dimensions – Millimeters



- Metallic case
- Sealed with self-extinguishing resin
- Fast-on connection 6.3 x 0.8 mm

Tolerances, if not stated, are according to ISO 2768-c.

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Although all product-related warnings, cautions and notes must be observed, the customer should not assume that all safety measures are indicated or that other measures may not be required.

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