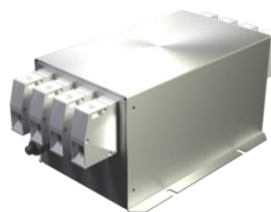


Overview

Compact, general performance 3-phase +N filter for switch mode power supplies, servo drives, robotics, regenerative drives, battery chargers, inverters, converters, power drives, UPS, machine tools and other industrial applications.

Terminal blocks for quick installation.

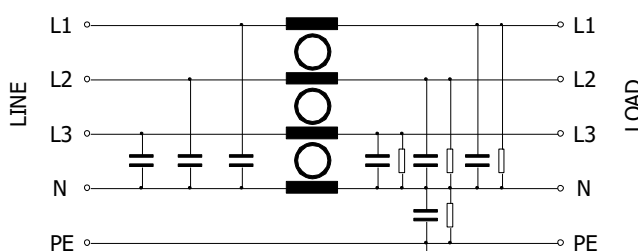


RoHS
Compliant

Technical specifications

Rated voltage	530/305 VAC
Rated frequency	50-60 Hz
Rated current	8 – 200 A
Rated temperature	50°C
Temperature range	-25°C to +100°C
Climate category	25/100/21
Voltage test	P ->P 2250 VDC P ->E 3000 VDC

Typical electrical schematic



Part Number	Rated current @ 50°C (A)	Power loss @ 25°C/50Hz (W)	Leakage current ¹⁾ (mA)	Approx. weight (kg)
FLLD4008ATHT3	8	3	11	0.8
FLLD4016ATHT3	16	6	11	0.8
FLLD4025ATHT3	25	12	11	1.2
FLLD4036ATHT3	36	15	11	1.2
FLLD4064ATHT5	64	18	11	2.3
FLLD4080ATHT6	80	20	11	4.0
FLLD4120ATHT6	120	30	11	5.3
FLLD4160ATHT7	160	32	11	6.1
FLLD4200ATHT7	200	45	11	6.1

¹⁾ Calculated according to IEC60939. During fail conditions the current may be higher.

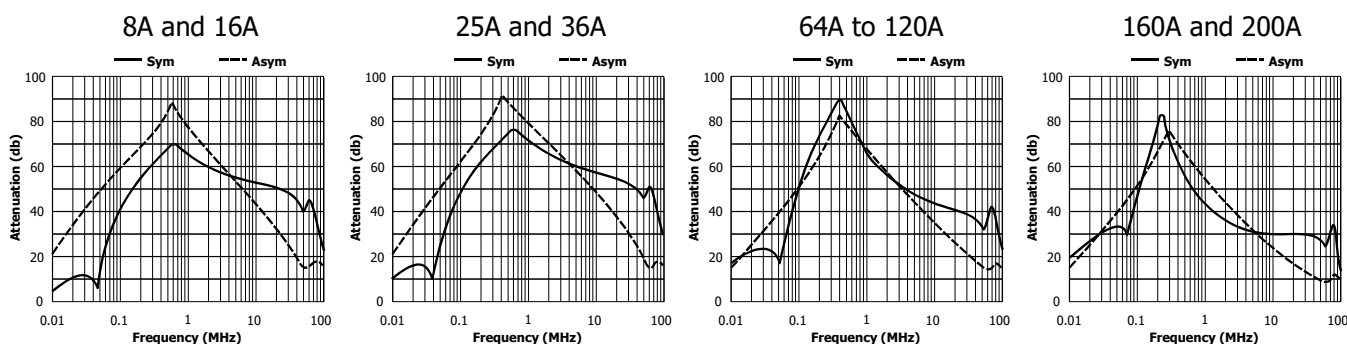
Approvals

IEC/EN 60939-3
ANSI/UL 60939-3-2016

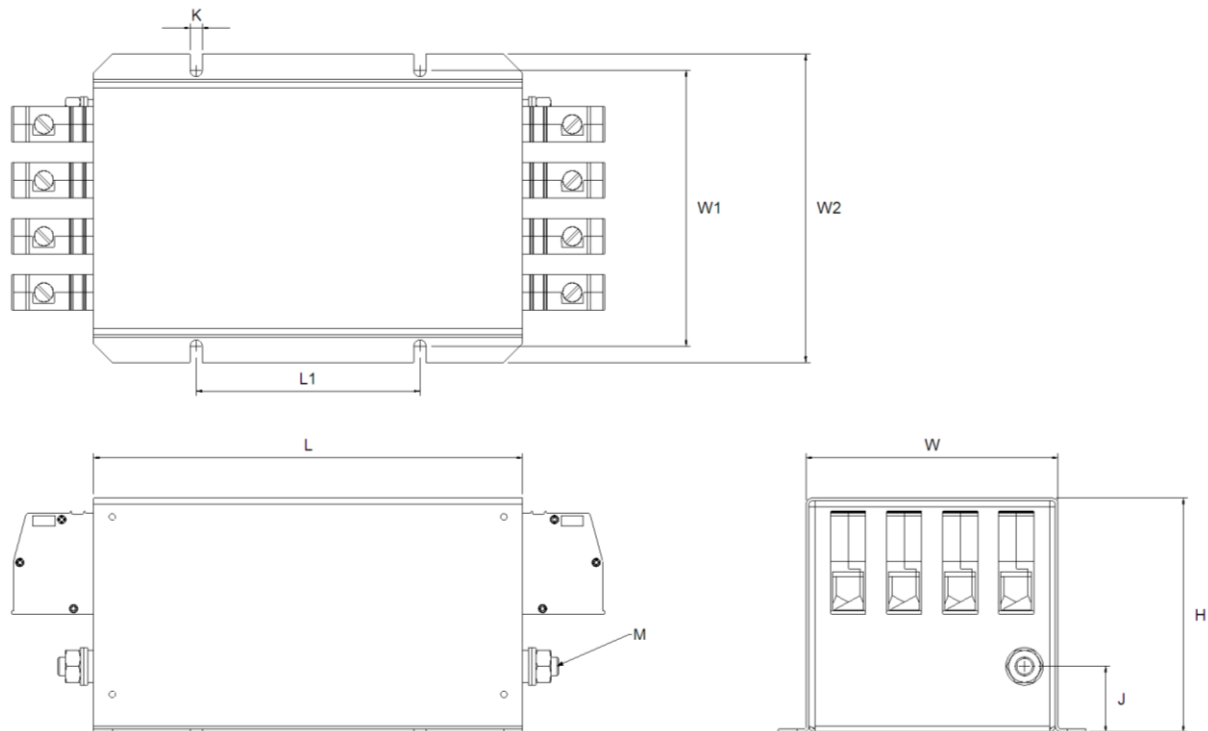
Certification Body : DEMKO
Certification Body : UL

File : E490803

Typical insertion loss



Mechanical dimensions



Part Number	Dimensions in mm								
	L	L1	W	W2	W2	H	J	K	M
FLLD4008ATxT3y	120	80	115	127.5	143	80	32	6.5	M6
FLLD4016ATxT3y	120	80	115	127.5	143	80	32	6.5	M6
FLLD4025ATxT3y	130	90	125	137.5	153	115	32	6.5	M6
FLLD4036ATxT3y	130	90	125	137.5	153	115	32	6.5	M6
FLLD4064ATxT5y	160	100	125	137.5	153	125	35	6.5	M10
FLLD4080ATxT6y	230	120	135	147.5	165	125	35	6.5	M10
FLLD4120ATxT6y	250	200	140	153.5	170	140	55	6.5	M10
FLLD4160ATxT7y	280	230	140	153.5	170	170	50	6.5	M10
FLLD4200ATxT7y	280	230	140	153.5	170	170	50	6.5	M10

Terminal block	
Wire (mm ²)	Torque (Nm)
1 - 10	1.2 – 1.5
1 - 10	1.2 – 1.5
1 - 10	1.2 – 1.5
1 - 10	1.2 – 1.5
10 - 25	3 - 4
16 - 50	6 - 8
16 - 50	6 - 8
35 - 95	15 - 20
35 - 95	15 - 20

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

Legal disclaimer notice

All product specifications, statements, information and data (collectively, the "information") are subject to change without notice.

All information given herein is believed to be accurate and reliable, but is presented without guarantee, warranty, or responsibility of any kind, expressed or implied.

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute – and we specifically disclaim – any warranty concerning suitability for a specific customer application or use.

This information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their applications. Any technical advice inferred from this information or otherwise provided by us with reference to the use of our

products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

Although we design and manufacture our products to the most stringent quality and safety standards, given the current state of the art, isolated component failures may still occur. Accordingly, customer applications which require a high degree of reliability or safety should employ suitable designs or other safeguards (such as installation of protective circuitry or redundancies) in order to ensure that failure of an electrical component does not result in a risk of personal injury or property damage.

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.