

Chassis Mount Filters

F.LL.D3 series-AW type

Three phase and neutral - general purpose

This three phase and neutral filter series provides a cost-effective level of suppression within a compact enclosure. The filter housing's small footprint and low-profile ensures ease of installation within manufacturers original equipment.

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

- Current ratings from 3A to 20A
- Good high frequency attenuation
- Screw and fast-on termination styles
- Low-profile and compact enclosure

Mechanical Specifications

Manufacture: metal enclosure;
electrical components sealed with self-extinguishing resin.

Connections: faston 6.3 x 0.8mm (3A to 10A)
M4 threaded studs (20A).

Filter Range

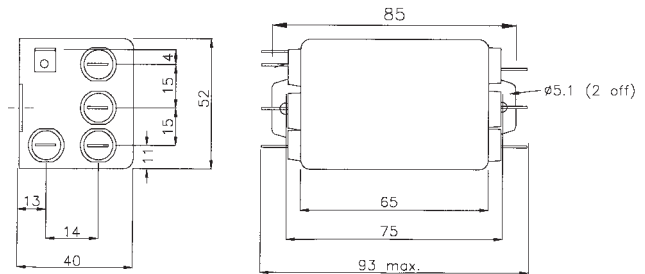
Code	I _R (A)	L (mH)	C _x (μF)	C _y (pF)	I _L (mA)
F.LL.D3.003A.AW.03	3	4x0.25	3x0.1	22000	2.3
F.LL.D3.003A.AW.04	3	4x0.45	3x0.1	4700	0.5
F.LL.D3.006A.AW.04	6	4x0.45	3x0.1	4700	0.5
F.LL.D3.010A.AW.01	10	4x1.5	3x0.1	22000	2.3
F.LL.D3.010A.AW.02	10	4x0.2	3x0.1	4700	0.5
F.LL.D3.020A.AW.01	20	4x0.25	3x0.1	22000	2.3



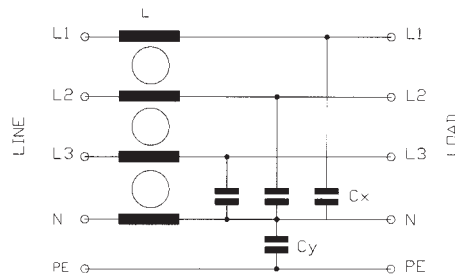
Electrical Specifications

Rated voltage (V_R): 440V, 50/60Hz
 Rated current (I_R): referred to room temperature = 40°C
 Leakage current (I_L): at V_R / √3, 50 Hz max value
 Voltage test (2s.): line to ground 2700 Vdc
 line to line 1075 Vdc
 Climatic category: HPF (25/085/21);
 Temperature range: -25°C to +85°C

Dimensions (mm) and connections



Circuit diagram



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Insertion loss (typical): — Asymmetrical (line to ground) - - - Symmetrical (line to line)

