



### MC12 / MZ12 series 1-phase

New standard, complies with RoHS directive led by lead free. Meets every aspect of industrial requirement for EMC solution. High cost performance, terminal connection type Noise Filter. Available with low leakage and DIN-Rail option.

### MC13 series 3-phase

Compact & clean. Small to mount on FA / Robot control panel. Environmentally friendly and lead free. Available for screw mounting and DIN-Rail mounting.

## Line Filters

Specifications			
Series	MC12	MZ12	MC13
Rated voltage	250 V	250 V	500 V AC 3-phase 50/60 Hz
Rated current	6 A – 30 A	6 A – 30 A	6 A – 30 A
Test voltage	terminal-case: 2500 V AC (20 mA)	terminal-case: 2500 V AC (20 mA)	terminal-case: 2000 V AC (100 mA)
Leakage current standard or low leakage type	1 mA max. at 250 V AC or 10 µA max. at 250 V AC	1 mA max. at 250 V AC or 10 µA max. at 250 V AC	5 mA max. at 500 V AC
Dimensions (DIN-type)	97 (108) x 34.5 x 60 mm	97 (108) x 34.5 x 60 mm	145 (136) x 52 x 63 mm
Weight	300 g	300 g	600 g

TDK-Lambda offers a complete range of line filters to provide optimum attenuation of conducted noise. Further series with higher current capability and designs for 48 V DC are available on request.

For full data and drawings please visit  
[www.emea.tdk-lambda.com/www/filters](http://www.emea.tdk-lambda.com/www/filters)