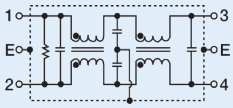
LINE FILTERS

Circuit Diagrams

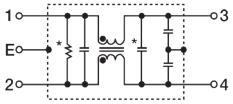
High performance filter





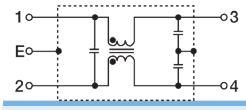
DL-3T1

General Purpose





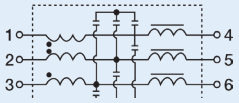
DL-30D1





DL-1DZ210

NEW DL-6DZ2





DL-5EBK5

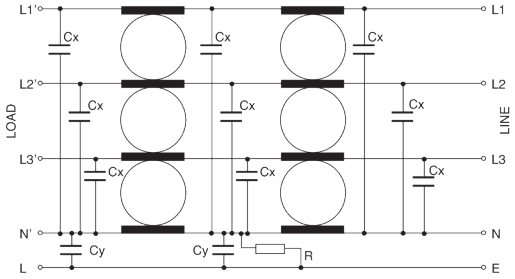
Line Filters for EMI/EMC (Noise)

Code	Rated Current	Test Voltage AC (V) One Minute, Line to Earth	Insulation Resistance (M Ω)500V DC One Minute, Line to Earth	Leakage Current 250V-60Hz	Loss (V)
1 Phase 250V L + N + E					
DL-3T1	3A	1 500	≥300	≤0.5mA	3W
DL-10D1	10A	1 500	≥300	≤0.5mA	≤1.0
DL-20D1	20A	1 500	≥300	≤0.5mA	≤1.0
DL-30D1	30A	1 500	≥300	≤0.5mA	≤1.0
DL-50D3	50A	2 000	≥300	0.8mA	≤1.0
DL-100D3	100A	2 000	≥300	1.0mA	≤1.0
DL-150D3	150A	2 000	≥300	1.0mA	≤1.0
DL-6DX36	6A	1 500	≥300	≤0.5mA	≤1.5
DL-1DZ210	1.0A	1 500	≥300	≤0.5mA	≤1.0
DL-3DZ210	3A	1 500	≥300	≤0.5mA	≤1.0
DL-6DZ2	6A	1 500	≥300	≤0.5mA	≤1.0
3 Phase 400V 3P+E					
DL-5EBK5	5A	2 000	≥300	≤1.0mA	≤1.5
DL-10EBK5	10A	2 000	≥300	≤1.0mA	≤1.5
DL-25EBK5	25A	2 000	≥300	≤1.0mA	≤1.5
DL-35EBK5	35A	2 000	≥300	≤1.0mA	≤1.5
DL-50EBK5	50A	2 000	≥300	≤1.0mA	≤1.5

Temperature Rise ≤30°C
Operating Temperature: -25 ~ +85°C

ETRF400





Line Filters for EMI/EMC (Noise)

Code	Rated Current	Earth Leakage Min	Earth Leakage Max	Power Loss	Dimensions L x W x H
3 Phase with Neutral 480V 3P+N+E					
ETRF4016-MHU	16A	0.05mA	14mA	12W	308 x 60 x 142mm
ETRF4030-MHU	30A	0.05mA	28mA	26W	308 x 70 x 172mm
ETRF4042-MHU	42A	0.05mA	28mA	35W	308 x 70 x 172mm
ETRF4055-MHU	55A	0.05mA	28mA	46W	384 x 80 x 172mm
ETRF4075-MHU	75A	0.05mA	40mA	34W	427 x 80 x 185mm
ETRF4100-MHU	100A	0.05mA	40mA	38W	436 x 90 x 220mm
ETRF4130-MHU	130A	0.05mA	130mA	39W	542 x 200 x 160mm
ETRF4180-MHU	180A	0.05mA	130mA	42W	542 x 200 x 160mm



DMAF1



MAF1G

16A Mains Filter

Code	Description
DMAF1	Mains Filter Plug (RFI/EMI Filter) Red Box
MAF1G	Mains Filter Plug (RFI/EMI Filter) Grey Box

Features

High quality low pass line filter, provides protection against lightning transients, radio frequency and electrical noise.
Max Load Current: 10A.
Surge Current Protection: 6500A.
RFI Attenuation: –50dB to –65dB over the range 100KHz-50MHz.

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