

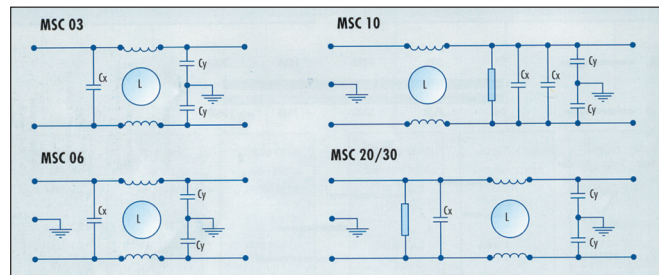
EMI LINE FILTERS SINGLE STAGE SERIES D MSC SINGLE PHASE 115 / 240 VAC

Specifications

115/250 VAC 50/60Hz
 Leakage Current ≤ 0.5 mA
 Test Voltage (1 min)
 Line to Ground 1500 VAC / 2250 VDC
 Line to Line 1500 VDC
 Temperature Range -40° to $+85^{\circ}$ C
 UL - Filters 01, 03, 06, 10, 20

1 Amp to 30 Amp

ELECTRIC SCHEMATIC



MINIMUM INSERTION LOSS IN dB (MEASURED IN 50 Ω SYSTEM)

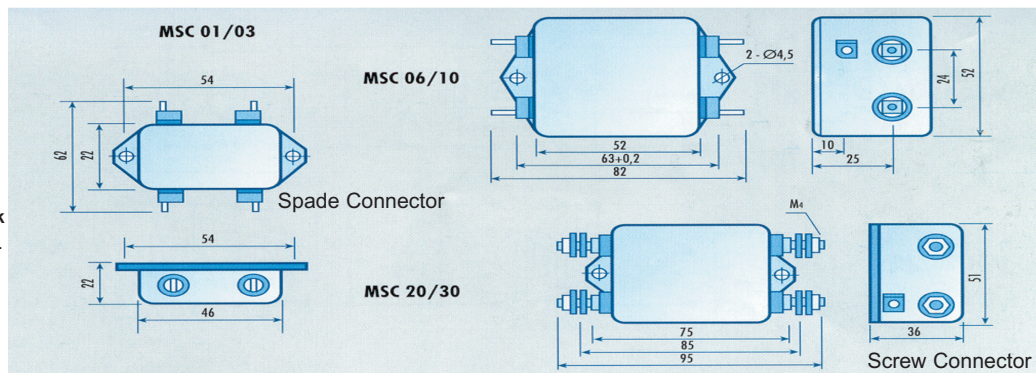
CATALOG No.	RATED CURRENT	COMMON MODE						DIFFERENTIAL MODE						LIST EACH
		FREQUENCY (MHz)						FREQUENCY (MHz)						
		.15	.5	1	5	10	30	.15	.5	1	5	10	30	
D-MSC 01	1 A	30	40	56	58	60	60	5	40	55	60	60	60	\$16.00
D-MSC 03	3 A	25	30	42	50	60	60	-	-	6	45	50	50	\$16.00
D-MSC 06	6 A	22	38	45	52	55	48	-	-	15	70	67	62	\$17.00
D-MSC 10	10 A	25	41	49	53	57	64	23	38	46	60	60	46	\$23.00
D-MSC 20	20 A	9	22	40	40	47	57	10	12	44	69	60	56	\$36.00
D-MSC 30	30 A	5	12	30	31	37	54	10	20	26	78	83	58	\$73.00

Note: The above units are CE, but not submitted to U.L.

	D-MSC 01	D-MSC 03	D-MSC 06	D-MSC 10	D-MSC 20	D-MSC 30
RATED CURRENT	1 A	3 A	6 A	10 A	20 A	30 A
L	2x4 mH	2x1, 5 mH	2x4, mH	2x2,4 mH	2x0,44 mH	2x0,3 mH
C (X2)	0,1 μ F	0,01 μ F	2x0, 47 μ F	2x0, 47 μ F	2x0, 1 μ F	2x0, 1 μ F
C (Y)	2x3300 pF	2x4700 pF	2x1000 pF	2x3300 pF	2x3300 pF	2x3300 pF
R				1,5 M Ω	1,5 M Ω	1,5 M Ω

DETAS FILTERS

DIMENSIONS IN MM



For other EMI Designs, check with factory for catalog sheet.