

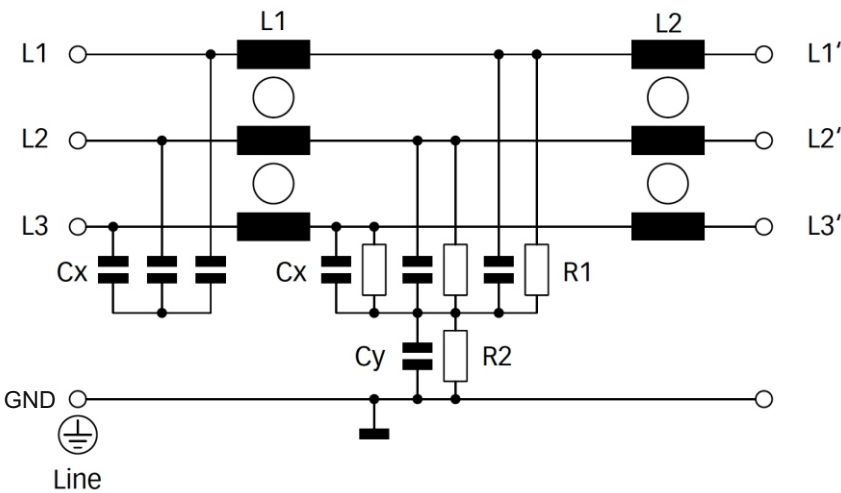
Multi Stage High Performance EMI Filter

- Rated current from 10 to 30 A
- Multi stage filter
- High common & deferential mode performance
- Optional medical version (Type B)

Approvals:



1CIRCUIT DIAGRAM:

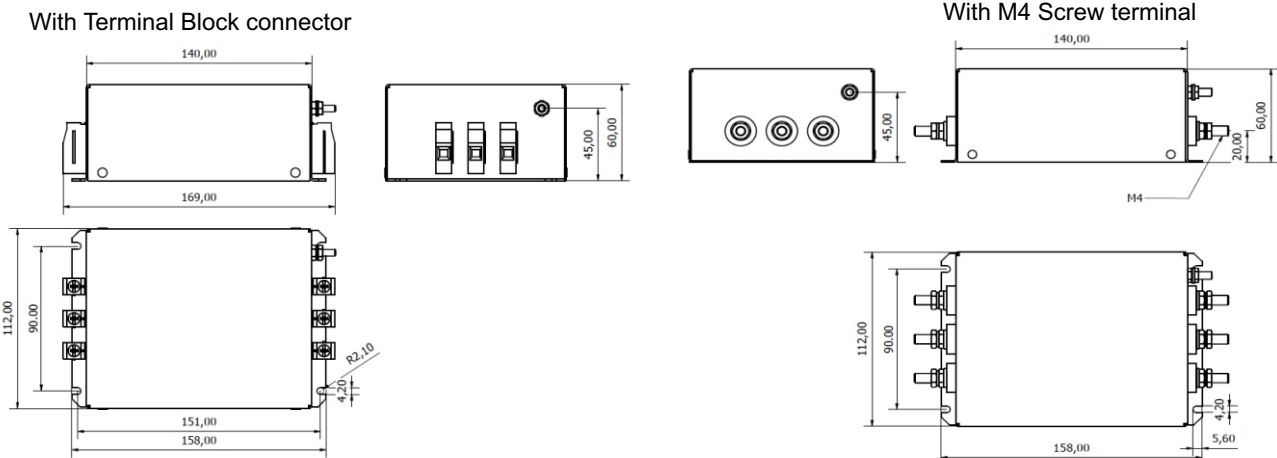


Technical specifications

Maximum continuous operating voltage: 440VAC, 50/60Hz
Operating frequency: 50/60Hz
Rated currents: 10 to 20A @ 40°C max.
High potential test voltage: L → PE 2250VDC for 2 sec (standard types)
L → PE 3500VDC for 2 sec (B types)
L → L 750VDC for 2 sec
Temperature range (operation and storage): -25°C to +85°C (25/100/21)
Design corresponding to: UL 1283, EN60939-3

Typical Application

- Electrical and electronic equipment
- Motor Control Application
- EV Charger
- Medical equipment
- Electronic data processing equipment
- Office automation and datacom equipment
- Industrial application
- Machinery
- Various noisy application requires good attenuation performance filter



All Dimension in mm

3 FILTER SELECTION TABLE

PART NO	RATED CURRENT @40°C	LEKAGE CURRENT 250VAC,50Hz	Typical Drive Rating (KW)	Power Loss (W)	Terminal	
BL370-10-T	10	<7.5 mA	5.5	7.5	M4 Screw	Terminal block
BL370-15-T	15	<7.5 mA	7.5	9.5	M4 Screw	Terminal block
BL370-20-T	20	<7.5 mA	11	10	M4 Screw	Terminal block
BL370-25-T	25	<7.5 mA	15	11.2	M4 Screw	Terminal block
BL370-30-T	30	<7.5 mA	22	12	M4 Screw	Terminal block

4 INSERTION LOSS (CM-COMMON MODE VS DM- DIFFERENTIAL MODE)

PART NO	CURRENT RATING	FREQUENCY (MHz)	0.1	0.5	1.0	5.0	10.0	30.0
BL370-10-T	10A	CM(dB)	5	60	58	40	38	32
		DM(dB)	30	80	72	50	40	27
BL370-15-T	15A	CM(dB)	5	62	55	40	39	38
		DM(dB)	10	75	70	55	43	38
BL370-20-T	20A	CM(dB)	23	61	55	52	40	23
		DM(dB)	9	73	68	59	42	27
BL370-25-T	25A	CM(dB)	15	60	58	40	34	39
		DM(dB)	9	69	61	55	39	34
BL370-30-T	30A	CM(dB)	16	63	54	50	38	39
		DM(dB)	14	67	66	53	42	40