YIBO 以伯®

YB710系列series
单相三节高性能型电源滤波器
Three-stage high-performance power filter

产品及应用 PRODUCTS APPLICATIONS

- ▲ 高性能型电源滤波器
- ▲ 在10KHz~30MHz宽范围内具有较好的共模和差模滤波效果
- ▲ 三节滤波 ,可解决绝大多数设备的EMC/EMI问题
- ▲ 适用于逆变、伺服、变频、焊机、加油机等工业设备干扰问题较为严重的场合
- ▲ 隔离、过滤前端电线中杂波信号，保障PLC线路通讯稳定

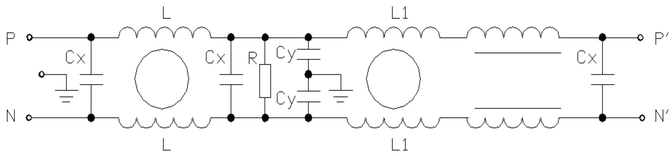
- ▲ High-performance power filter
- ▲ It has good common mode and differential mode filtering effects in the wide range of 10KHz~30MHz
- ▲ Three-stage filtering can solve EMC/EMI problems for most devices
- ▲ Suitable for industrial equipment such as inverters, servo drives, frequency converters, welding machines, and fuel dispensers where interference issues are relatively severe
- ▲ Isolate and filter out noise signals from the front-end wires to ensure stable communication of the PLC circuit

技术参数 SPECIFICATION

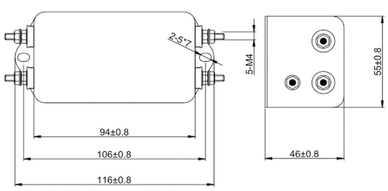
最高工作电压 Maximum operating voltage (VAC)	工作频率 Operating frequency Hz	试验电压 Hipot test voltage P-N(VDC)	PN-E(VAC)	工作温度 Operating temperatureHz	绝缘电阻 Minimum insulation resistance
250	50/60	1760	2000	-25~+85°C	>200M@500VDC

产品型号 FILTER	端接方式 Connections		额定电流 Current rating @40°C	外型尺寸 Housing	泄漏电流 Leakage current	电路参数 Components					重量 Weight (g)
	焊片 Solder	螺栓 Bolts				L（mH)	L1(uH)	Cx(uF)	Cy(nF)	R(MΩ)	
YB710-1	/L	/M	1A	J	<0.5mA	8.0	200	0.22	4.7	1.0	450
YB710-3	/L	/M	3A	J	<0.5mA	6.0	180	0.22	4.7	1.0	450
YB710-6	/L	/M	6A	J	<0.5mA	3.0	150	0.47	4.7	1.0	450
YB710-10	/L	/M	10A	J	<0.5mA	1.5	90	0.47	4.7	1.0	450
YB710-20	/L	/M	20A	Q	<0.5mA	1.0	65	0.47	4.7	1.0	450
YB710-30	---	/M	30A	G	<0.5mA	0.5	40	1.0	4.7	1.0	450
YB710-40	---	/M	40A	G	< 1.0mA	0.5	30	2.2	10	0.47	450
YB710-50	---	/M	50A	G	< 1.0mA	0.5	20	2.2	10	0.47	450
YB710-75	---	/M	75A	N10	< 2.0mA	0.25	15	4.4	20	0.47	1000
YB710-100	---	/M	100A	N10	< 2.0mA	0.2	15	4.4	20	0.47	1000

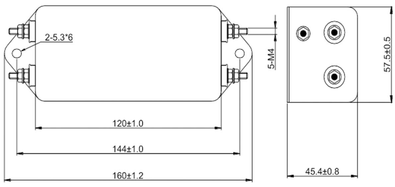
电路原理图 CIRCUIT DIAGRAM



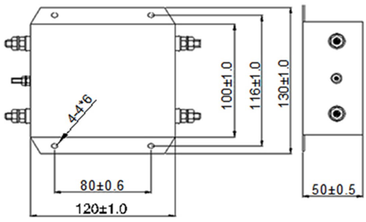
外型尺寸 HOUSING AND DIMENSIONS:（MM）



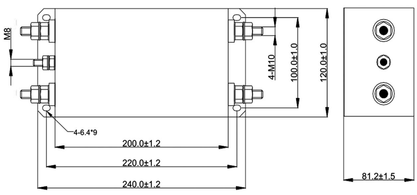
J



Q

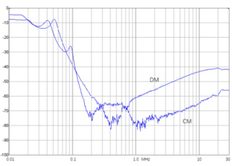


G

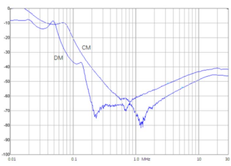


N10

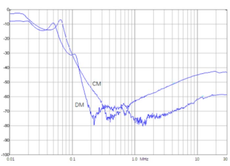
插入损耗 INSERTION LOSS IN DB（IN 50/50Ω SYSTEM）



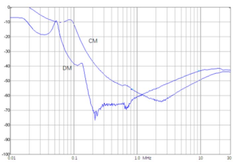
6A



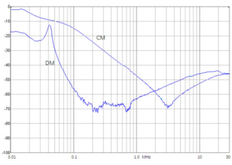
10A



20A



30A



50A