

EMI三相输入滤波器

EMI Three-phase Input Filter

产品简述 (Product Profile)

该类产品具有良好的干扰抑制能力，可用于数据处理系统、电信系统、变频器及电源净化等需要强干扰抑制器设备中。

This category of products has superior capability of interference containment, and can be applied to data processing system, telecommunication equipment, inverter and power conditioning equipment that impose high requirement on interference containment.



产品特点 (Product Features)

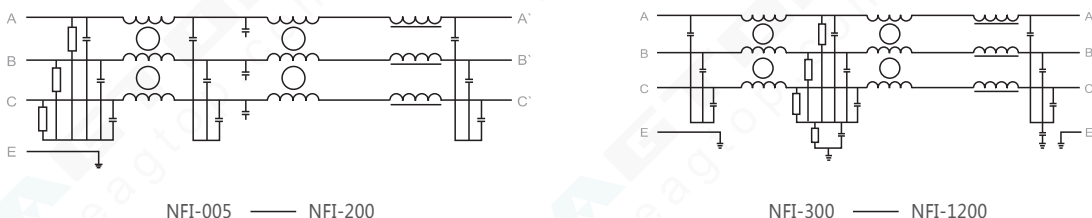
- | | |
|---|--|
| <ol style="list-style-type: none"> 1. 额定电压：440/250V AC 2. 试验电压(1分钟)：线至线1500V DC
线至地1500V AC / 2500V DC 3. 工作频率：50/60Hz 4. 范围温度：-25~85°C 5. 绝缘电阻：线至地(300A以下)≥1500MΩ | <ol style="list-style-type: none"> 1. Rated Voltage: 440/250V AC 2. Test Voltage(1 minute): Phase to Phase 1500 V DC
Phase To Ground 1500V AC/2500V DC 3. Operating Frequency: 50/60 Hz 4. Range of Temperature: -25~85°C 5. Insulation Resistance: Phase to ground (up to 300A) ≥ 1500MΩ |
|---|--|

典型插入衰减(在50Ω系统下测试) (Typical Insertion Deamplification: To be tested in a 50Ω system)

型号 Type	额定电流(A) Rated Current(A)	共模插入损耗 Common-mode Insertion Loss(dB/MHz)						差模插入损耗 Difference-mode Insertion Loss(dB/MHz)						端接方式 Connection Mode		泄露电流 Leakage Current
		0.15	0.5	1	5	10	30	0.15	0.5	1	5	10	30			
NFI-005	5	80	85	85	75	65	70	85	80	80	80	75	70	√		<2
NFI-010	10	80	90	90	75	70	65	70	90	90	85	85	70	√		<2
NFI-020	20	75	90	90	75	75	65	70	90	90	80	75	70	√		<2
NFI-036	36	75	90	85	75	65	60	70	90	90	85	80	70	√		<2
NFI-050	50	75	90	85	75	65	55	85	85	75	85	80	70	√		<3
NFI-065	65	55	68	70	63	52	50	71	82	74	61	54	50	√		<3
NFI-080	80	58	78	75	65	60	50	65	85	80	65	60	50	√		<3
NFI-100	100	65	85	90	80	75	70	65	85	80	80	65	60	√		<6
NFI-150	150	55	80	75	70	65	55	65	80	85	80	65	55	√		<6
NFI-200	200	55	85	75	70	65	55	70	90	90	80	75	60	√		☆ <35
NFI-250	250	40	60	60	55	50	45	45	70	75	60	55	50		√	☆ <35
NFI-300	300	55	85	80	60	52	40	45	80	60	50	45	40		√	☆ <35
NFI-400	400	55	82	80	62	50	45	45	82	65	48	45	40		√	☆ <35
NFI-600	600	60	63	65	68	55	50	42	68	59	45	74	66		√	☆ <35
NFI-900	900	50	77	73	55	43	40	55	65	55	43	35	35		√	☆ <35
NFI-1200	1200	60	65	70	55	50	50	45	70	45	45	40	40		√	☆ <35

备注：加 ☆ 产品使用时要确保安全接地。 /Note: It should be guaranteed that products marked with ☆ be connected to ground safely.
(以上参数仅供参考，选型时请咨询我司业务)

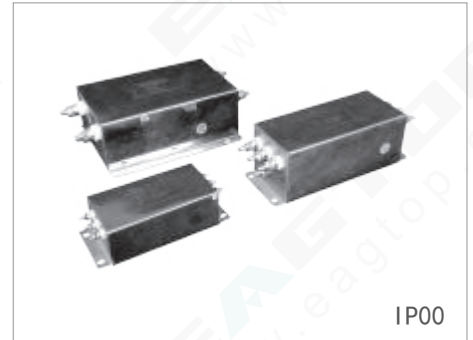
电气原理图 (Electrical Diagram)



产品简述 (Product Profile)

该类产品具有良好的干扰抑制能力，置于变频器输出端，能有效减少变频器产生的电磁干扰。

This category of products has superior capability of interference containment. It is usually installed at inverter's output terminal and able to minimize the electromagnetic interference generated by inverter.



产品特点 (Product Features)

1. 额定电压：440/250V AC
2. 试验电压(1分钟)：线至线1500V DC
线至地1500V AC / 2500V DC
3. 工作频率：50/60Hz
4. 范围温度：-25~85°C
5. 绝缘电阻：线至地 $\geq 1500M\Omega$

1. Rate Voltage: 440/250V AC
2. Testing Voltage(1 minute): Phase to Phase 1500 V DC
Phase To Ground 1500V AC/2500V DC
3. Operating Frequency: 50/60 Hz
4. Range of Temperature: -25~85°C
5. Insulation Resistance: Phase to ground (up to 300A) $\geq 1500M\Omega$

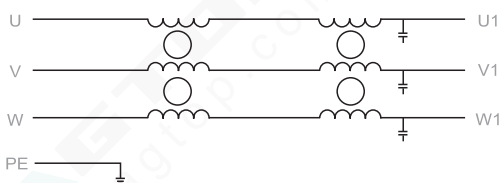
数据表 (Data Sheet)

型号 Type	额定电流(A) Rated Current(A)	端接方式 Connection Mode		泄露电流 Leakage Current
NFO-005	5	√		< 2
NFO-010	10	√		< 2
NFO-020	20	√		< 2
NFO-036	36	√		< 2
NFO-050	50	√		< 3
NFO-065	65	√		< 3
NFO-080	80	√		< 3
NFO-100	100	√		< 6
NFO-150	150	√		< 6
NFO-200	200	√		☆ < 35
NFO-250	250		√	☆ < 35
NFO-300	300		√	☆ < 35
NFO-400	400		√	☆ < 35
NFO-600	600		√	☆ < 35
NFO-900	900		√	☆ < 35
NFO-1200	1200		√	☆ < 35

备注：加 ☆ 产品使用时要确保安全接地。

Note: It should be guaranteed that products marked with ☆ be connected to ground safely.

电气原理图 (Electrical Diagram)



EMI三相输入/输出滤波器

EMI Three-phase Input/Output Filter

产品尺寸图 (Product Size)

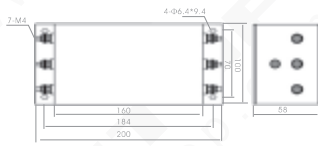


图 A Picture A

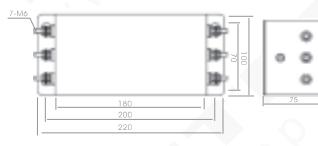


图 B Picture B

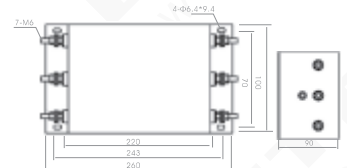


图 C Picture C

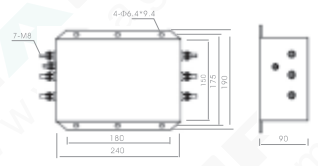


图 D Picture D

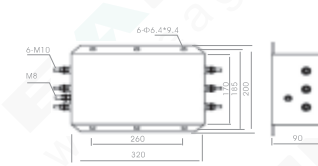


图 E Picture E

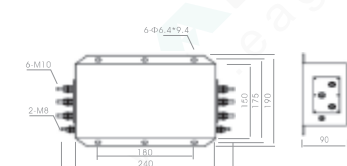


图 F Picture F

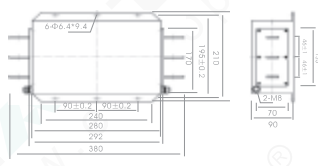


图 G Picture G

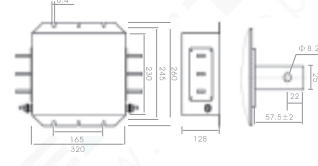


图 H Picture H

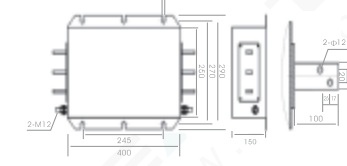


图 I Picture I

三相输入滤波器 Three-phase Input Filter

型号 Type	额定 电流(A) Rated Current(A)	适配功率 KW	外形尺寸 MM	安装尺寸	备注	重量 KG
NFI-005	5	0.75-1.5	200*86*58	184*60	外形见A图	0.6
NFI-010	10	2.2-4	200*86*58	184*60	外形见B图	1.25
NFI-020	20	5.5-7.5	260*100*90	243*70	外形见C图 Picture C	2.5
NFI-036	36	11-15				2.6
NFI-050	50	18.5-22				2.85
NFI-065	65	30	240*190*90	180*175	外形见D图	4.6
NFI-080	80	37	320*200*90	260*185	外形见E图 Picture E	6.6
NFI-100	100	45				7
NFI-150	150	55-75				7.8
NFI-200	200	90	325*190*90	240*175	外形见F图	5.15
NFI-250	250	110-132	380*210*90	180*196	外形见G图 Picture G	7.5
NFI-300	300	160				7.5
NFI-400	400	200				14
NFI-600	600	215-250	320*260*128	165*245	外形见H图 Picture H	14.5
NFI-900	900	315				20
NFI-1200	1200	450				23

三相输出滤波器 Three-phase Output Filter

型号 Type	额定 电流(A) Rated Current(A)	适配功率 KW	外形尺寸 MM	安装尺寸	备注	重量 KG
NFO-005	5	0.75-1.5	200*86*58	184*60	外形见A图	0.75
NFO-010	10	2.2-4	200*100*75	200*70	外形见B图 Picture B	1.25
NFO-020	20	5.5-7.5				1.3
NFO-036	36	11-15	260*100*90	243*70	外形见C图 Picture C	2.3
NFO-050	50	18.5-22				2.3
NFO-065	65	30				2.73
NFO-080	80	37	240*190*90	180*175	外形见E图 Picture E	3.1
NFO-100	100	45				3.34
NFO-150	150	55-75				5
NFO-200	200	90	380*210*90	180*196	外形见G图 Picture G	4.75
NFO-250	250	110-132				7.2
NFO-300	300	160				13.25
NFO-400	400	200	320*260*128	165*245	外形见H图 Picture H	17
NFO-600	600	215-250				19
NFO-900	900	315				22
NFO-1200	1200	450	400*290*150	245*270	外形见图 Picture I	26