



◆ 抗共振

步进系统的一点不足就在于存在着固有的共振点，立三系列驱动器自动计算共振点，并以此来调整控制算法，从而达到抑制共振的目的。此技术极大的提高了中频稳定性，使得高速时有更大的力矩输出。

◆ 自检和参数自整定

系统上电时，驱动器自动检测电机参数（如电阻和电感）并根据此参数来优化系统运行性能

◆ 主机控制模式

- 接收主机 PC 或 PLC 命令
- 多轴总线
- 实时控制

◆ 程序驻留模式

- 可执行预先存储的程序
- 多任务
- 条件处理
- 数学功能
- 数据寄存器功能

典型应用

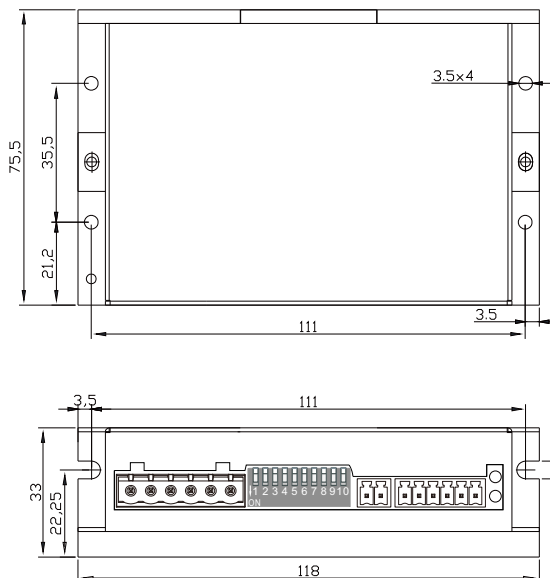
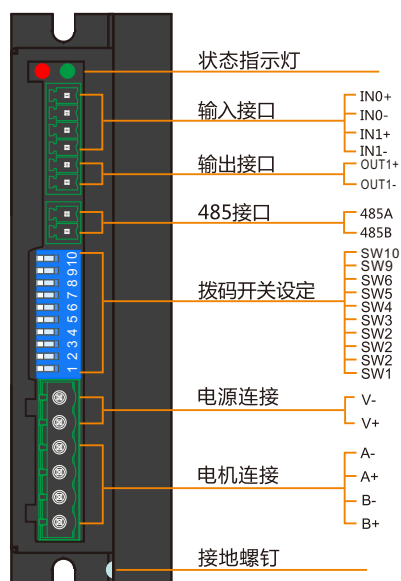
主要应用于多轴实时通讯控制，或有固定的运行轨迹场合下可不通过PLC直接控制。

概述

DM822T系列是一款高性能总线控制步进驱动器，同时集成了智能运动控制器功能，既可以通过Modbus指令对驱动器和电机进行实施控制，也可以支持复杂的单轴运动控制编程，程序保存至驱动器内独立运行。

通讯控制方式：RS485

产品示意图



◆ DM822T电流表

电流由软件设定，出厂默认电流0.3A.

◆ DM822T地址设定

地址	SW5	SW6	SW7	SW8	SW9	SW10
1	ON	ON	ON	ON	ON	ON
2	OFF	ON	ON	ON	ON	ON
3	ON	OFF	ON	ON	ON	ON
4	OFF	OFF	ON	ON	ON	ON
5	ON	ON	OFF	ON	ON	ON
6	OFF	ON	OFF	ON	ON	ON
7	ON	OFF	OFF	ON	ON	ON
8	OFF	OFF	OFF	ON	ON	ON
9	ON	ON	ON	OFF	ON	ON
10	OFF	ON	ON	OFF	ON	ON
11	ON	OFF	ON	OFF	ON	ON
12	OFF	OFF	ON	OFF	ON	ON
13	ON	ON	OFF	OFF	ON	ON
14	OFF	ON	OFF	OFF	ON	ON
15	ON	OFF	OFF	OFF	ON	ON
16	OFF	OFF	OFF	OFF	ON	ON
17	ON	ON	ON	ON	OFF	ON
18	OFF	ON	ON	ON	OFF	ON
19	ON	OFF	ON	ON	OFF	ON
20	OFF	OFF	ON	ON	OFF	ON
21	ON	ON	OFF	ON	OFF	ON
22	OFF	ON	OFF	ON	OFF	ON
23	ON	OFF	OFF	ON	OFF	ON
24	OFF	OFF	OFF	ON	OFF	ON
25	ON	ON	ON	OFF	OFF	ON
26	OFF	ON	ON	OFF	OFF	ON
27	ON	OFF	ON	OFF	OFF	ON
28	OFF	OFF	ON	OFF	OFF	ON
29	ON	ON	OFF	OFF	OFF	ON
30	OFF	ON	OFF	OFF	OFF	ON
31	ON	OFF	OFF	OFF	OFF	ON
32	OFF	OFF	OFF	OFF	OFF	ON

地址	SW5	SW6	SW7	SW8	SW9	SW10
33	ON	ON	ON	ON	ON	OFF
34	OFF	ON	ON	ON	ON	OFF
35	ON	OFF	ON	ON	ON	OFF
36	OFF	OFF	ON	ON	ON	OFF
37	ON	ON	OFF	ON	ON	OFF
38	OFF	ON	OFF	ON	ON	OFF
39	ON	OFF	OFF	ON	ON	OFF
40	OFF	OFF	OFF	ON	ON	OFF
41	ON	ON	ON	OFF	ON	OFF
42	OFF	ON	ON	OFF	ON	OFF
43	ON	OFF	ON	OFF	ON	OFF
44	OFF	OFF	ON	OFF	ON	OFF
45	ON	ON	OFF	OFF	ON	OFF
46	OFF	ON	OFF	OFF	ON	OFF
47	ON	OFF	OFF	OFF	ON	OFF
48	OFF	OFF	OFF	OFF	ON	OFF
49	ON	ON	ON	ON	OFF	OFF
50	OFF	ON	ON	ON	OFF	OFF
51	ON	OFF	ON	ON	OFF	OFF
52	OFF	OFF	ON	ON	OFF	OFF
53	ON	ON	OFF	ON	OFF	OFF
54	OFF	ON	OFF	ON	OFF	OFF
55	ON	OFF	OFF	ON	OFF	OFF
56	OFF	OFF	OFF	ON	OFF	OFF
57	ON	ON	ON	OFF	OFF	OFF
58	OFF	ON	ON	OFF	OFF	OFF
59	ON	OFF	ON	OFF	OFF	OFF
60	OFF	OFF	ON	OFF	OFF	OFF
61	ON	ON	OFF	OFF	OFF	OFF
62	OFF	ON	OFF	OFF	OFF	OFF
63	ON	OFF	OFF	OFF	OFF	OFF
64	OFF	OFF	OFF	OFF	OFF	OFF

◆ 引脚功能说明

标记符号	功能	注释
IN0 +	输入0信号光电隔离正端	接电源, 输入电压范围+5V~24V, 用户可自定义接口功能, 或根据客户要求设置好默认接口功能
IN0-	输入0信号光电隔离负端	
IN1+	输入1信号光电隔离正端	
IN1-	输入1信号光电隔离负端	
OUT0+	输出0信号光电隔离正端	默认为报警输出。可通过软件配置!
OUT0-	输出0信号光电隔离负端	
485A	输出2信号光电隔离正端	485通讯端口, 标准MODBUS-RTU, 半双工
485B	输出2信号光电隔离负端	
B-	电机接线	
B+		
A-		
A+		
V-	驱动器电源地	驱动器电源负, 0V
V+	驱动器电源正	驱动器电源正, 电压范围24~80VDC, 注意正负极

◆ 报警功能说明

LED codes	ERROR
●	绿灯常亮 电机运行中
● ●	绿灯闪烁 电机停止
● ●	一红一绿 驱动器过流
● ● ●	两红一绿 电机绕组开路
● ● ● ●	三红一绿 驱动器输入过压
● ● ● ● ●	四红一绿 驱动器输入欠压
● ● ● ● ● ●	五红一绿 其他