

L7N-S Series

EtherCAT Communication

The L7N-S servo represents Leadshine's latest generation L7 EtherCAT communication AC servo drive. Operating within a power range of 100W to 22kW, its key features include: safety compliance, with control power circuit and main power circuit separated. It satisfies the STO and UL certification. Primary applications encompass photovoltaic systems, lithium battery manufacturing, semiconductor production, robotics, electronics, laser technology and so on.



3.2kHz system response

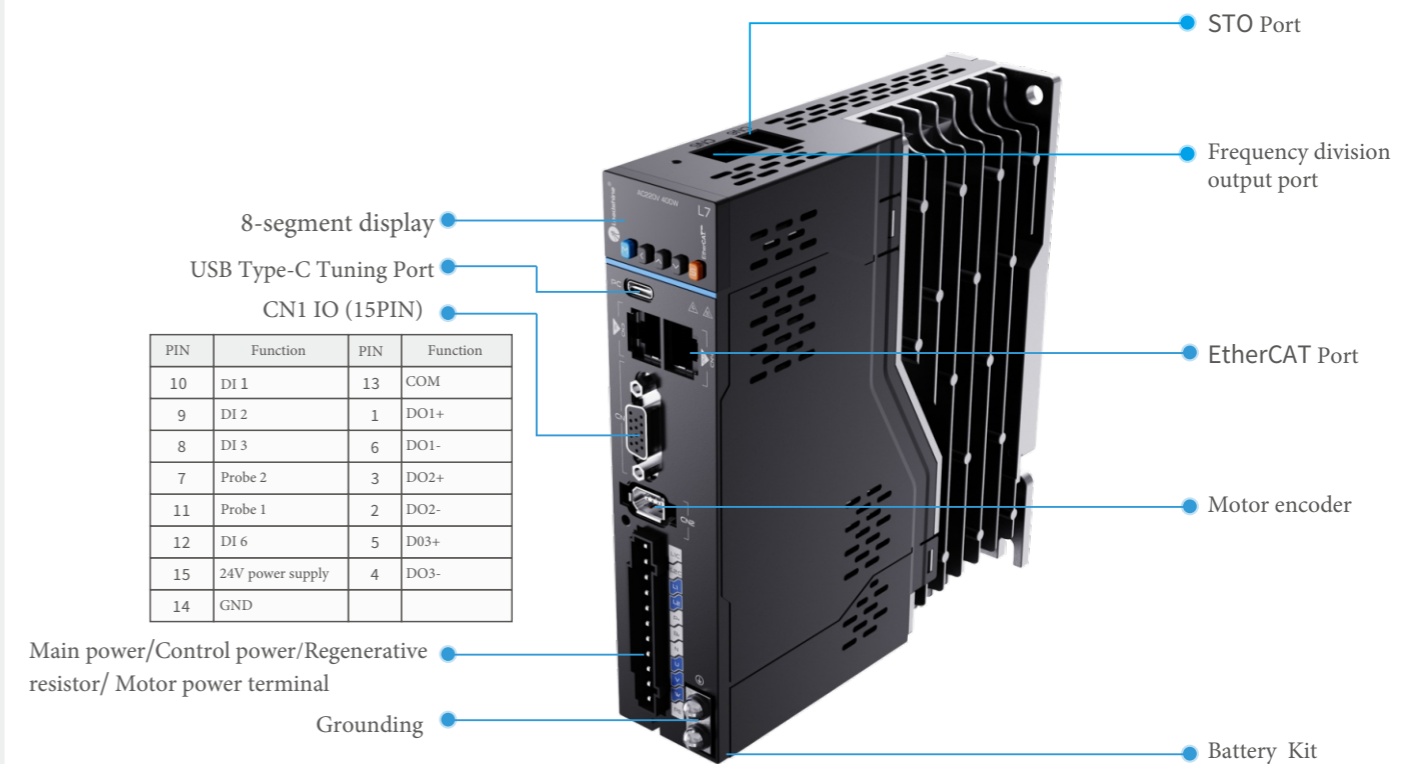
24-bit Multi-Turn Absolute Encoder

62.5 us Synchronisation cycle

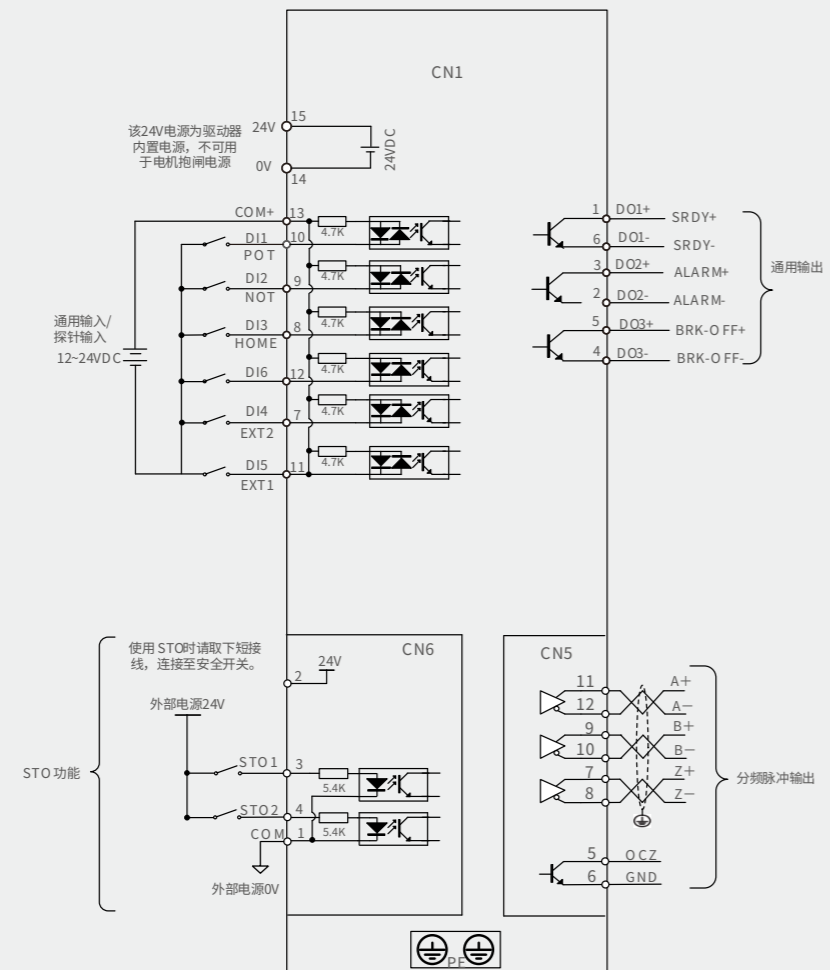
STO (SIL 3), UL certified

Power range: 400W to 22kW

接口说明



驱动器接线图



- 注1: 网络接口请选用超五类双屏蔽线缆, 直连和交叉的以太网线缆均可。
 注2: DO 输出电源用户自备, 电源范围12V~24V。DO 端口最大允许电压30VDC, 最大允许电流50mA。
 注3: 编码器分频输出线缆请选用双绞屏蔽线, 屏蔽层必须两端接 PE, GND 与上位机信号地可靠连接。