

# EL7-ECS Series

## EtherCAT Communication

The EL7-ECS servo represents Leadshine's latest generation EL7 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

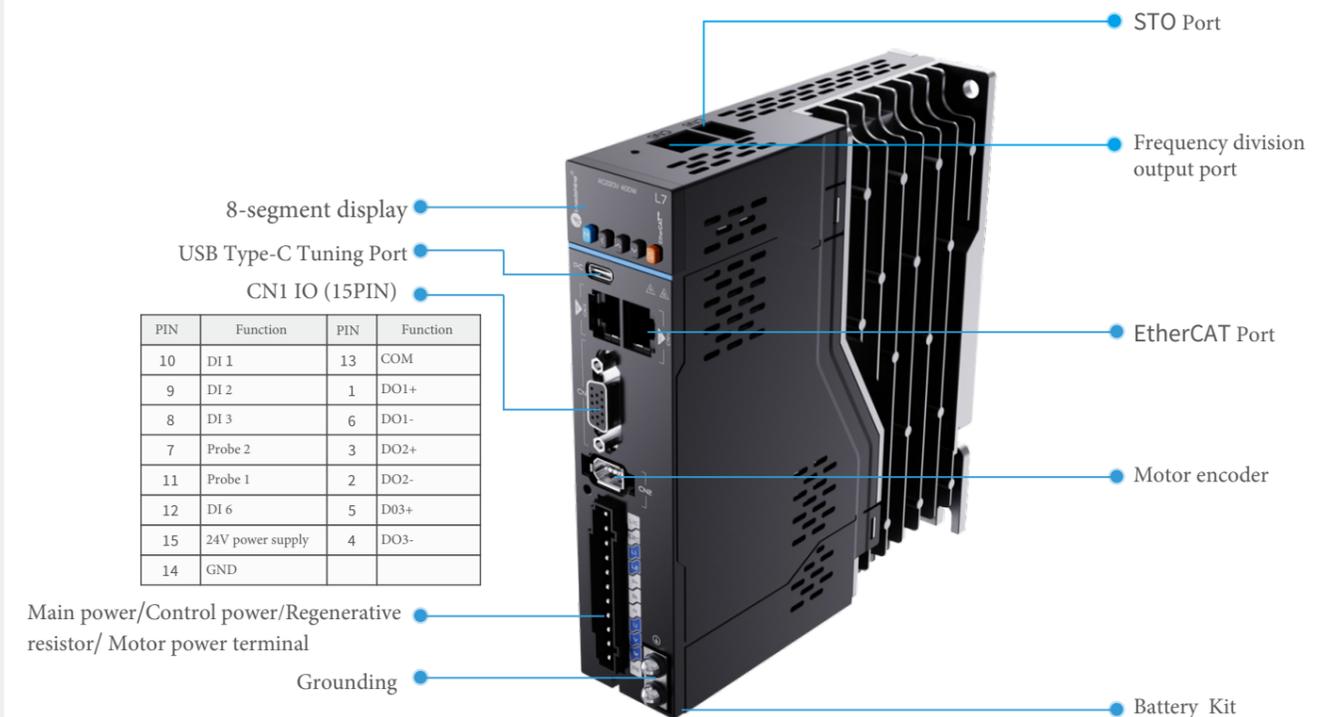
24-bit Multi-Turn Absolute Encoder

62.5 us Synchronisation cycle

STO (SIL 3), UL certified

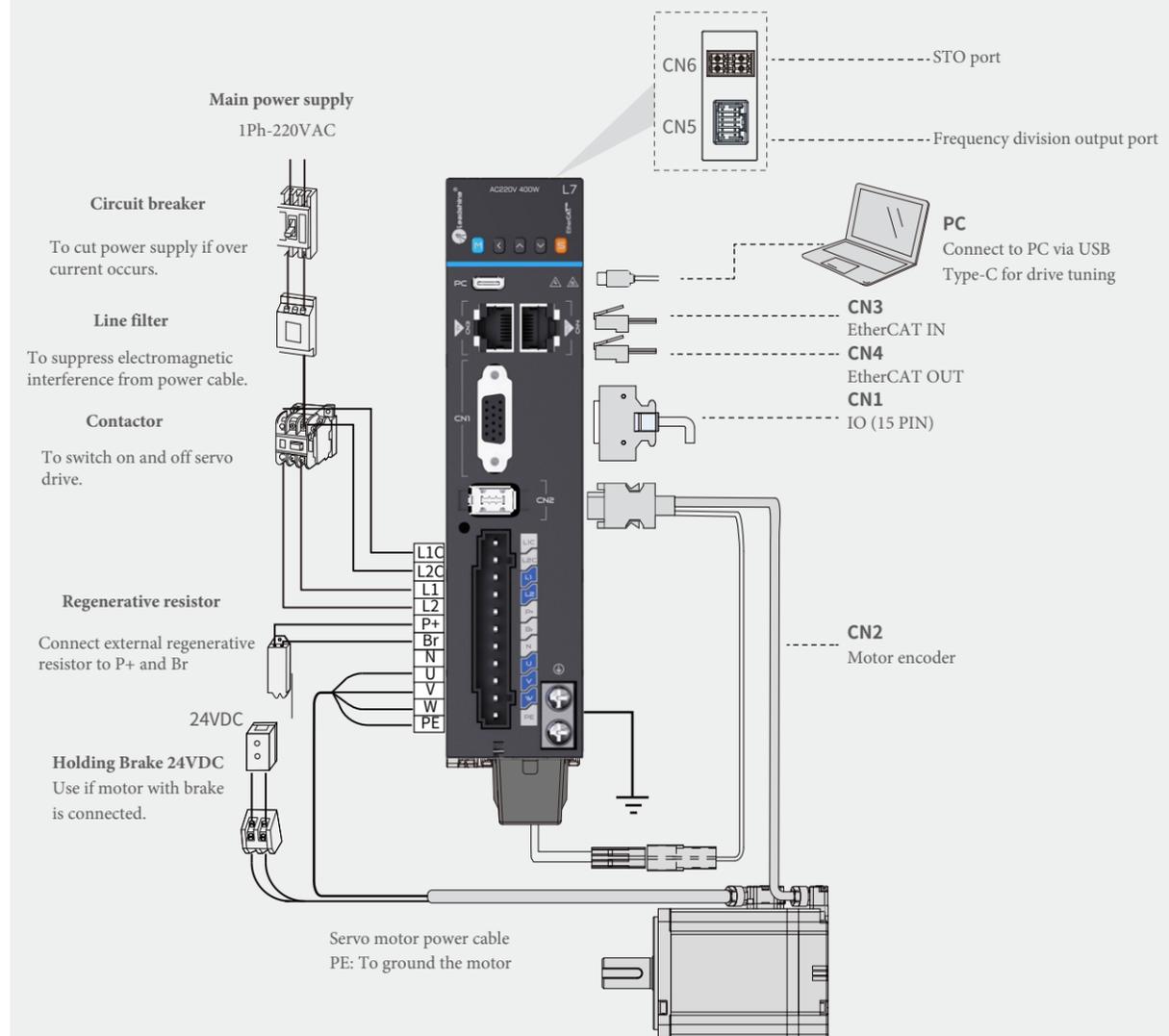
LTUNE Free-debugging function

### Connector Specifications



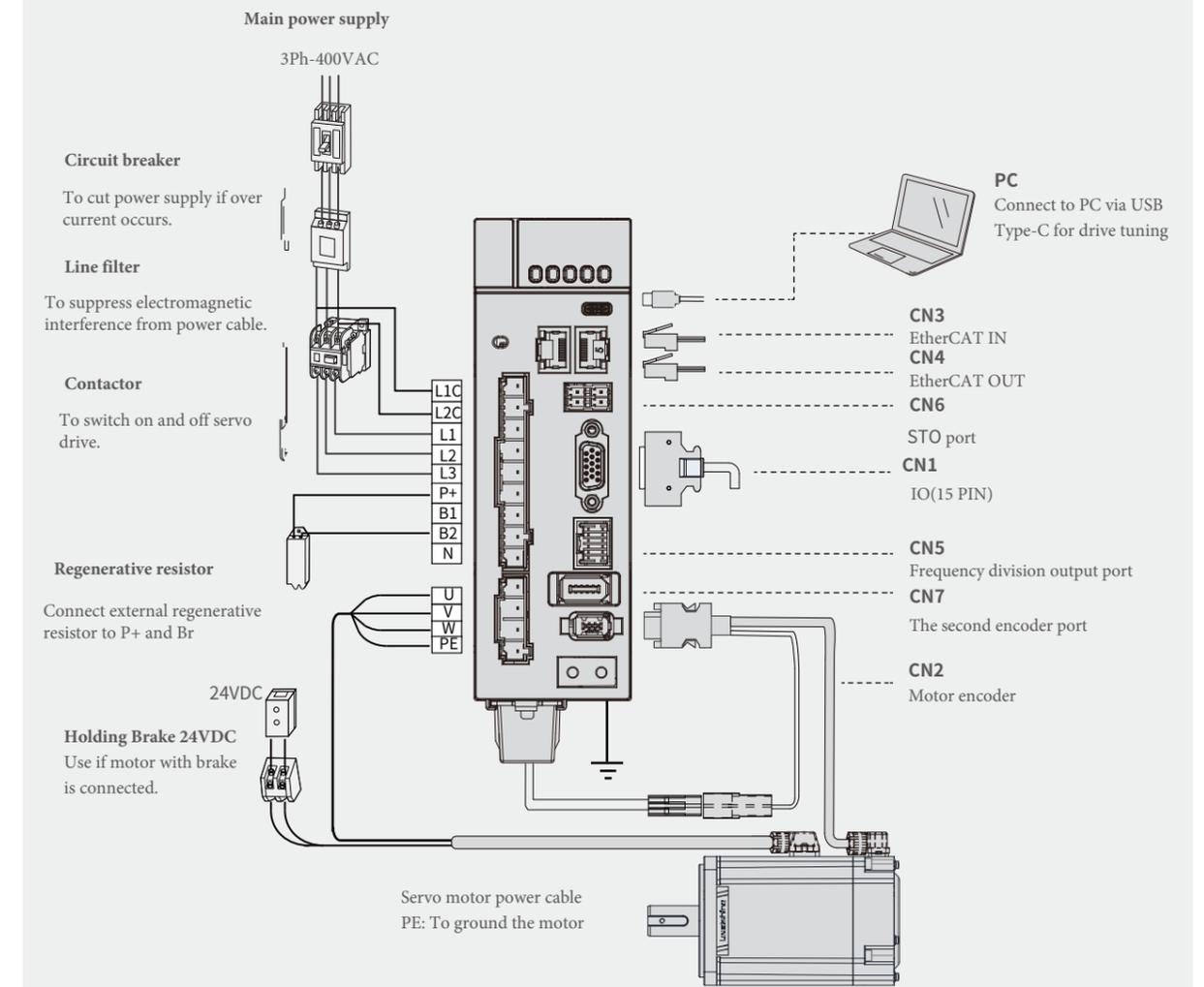
## Peripheral Wiring Diagram

EL7-EC400S~EL7-EC1000S



## Peripheral Wiring Diagram

EL7-EC1500S~EL7-EC2000S/EL7-EC1000ST~EL7-EC1500ST



## ■ Drive Wiring Diagram

