EPS-9905 with EPS-6000

EtherCAT Chassis with EtherCAT Bus-Coupler

Features

- EtherCAT COE, FOE, AOE protocols supported
- Communication quality diagnostic
- Slave module status monitoring
- Wide operation temperature range: -20°C - 60°C
- Compact size: 130 (L) x 110 (W) x 105 (H) mm
- SMART mechanical design for convenient installation
- IEC-61131 compliant



EPS-9905

EPS-6000

Introduction

ADLINK's EPS slave system features modular design for flexible high channel density, rugged construction, easy maintenance, and intelligent performance, compatible with 3rd party EtherCAT products. Precise time-deterministic control enables I/O synchronization for critical applications, and FPGA and ARM technology allow users to fully monitor status of EPS modules and systems, including operating temperature and usage cycle of relay switching, as well as motion control status for general purpose motor drive control. In addition, the ADLINK EtherCAT configurator enables auto-scan and configuration across EtherCAT systems.

The EPS' unique structural and electronic design supports hot-swappable function, reducing repair time, and the rugged construction and operating temperature range of -20°C to 60°C allow operation in the harshest environments.

Ordering Information

- **EPS-9905**
  Chassis of remote slave module
- **EPS-6000**
  EtherCAT Bus Coupler

Specifications

Operating Temp.	-20 - 60 °C
Installed Slots (max.)	5
Protection Type	IP31
Dimension (mm)	130 (L) x 110 (W) x 105 (H)
Weight (estimated)	< 1,000 gram
Extension	EtherCAT
Power Consumption	6.6W
Supply voltage	24Vdc (±10%)
Environment Certificate	Vibration: 5 Grms, 5-500Hz
	Shock: 50G, Half Sine 11 ms duration
	EMC: EN 55011 class A