



Main Features

- High-performance EtherCAT communication
- All-in-one board design
- 22 function keys, 2 knobs and 2 push buttons for CNC machine applications
- On module LEDs for diagnosis monitoring
- Typical 24V DC input with $\pm 10\%$ range
- Support 0~60°C operating temperature

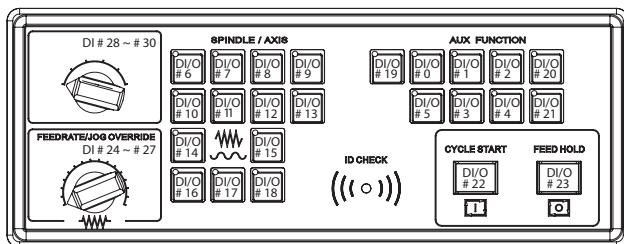
Product Overview

AXE-9801 is an EtherCAT-based control panel for CNC machine, with 22 function keys, 2 knobs and 2 push buttons for Cycle Start/Feed Hold. It controls 31-channel digital inputs, and 24-channel digital outputs, based on EtherCAT protocol, for interface operation. AXE-9801 provides enhanced performance and users can integrate it into their CNC control system easily.

Specifications

I/O Information

- Numbers of DI channel: 31
- Numbers of DO channel: 24
- DI/O function key mapping table



Power Requirements

- DC input range: DC 24V $\pm 10\%$ range

Common Section

- Operating temperature: 0°C to 60°C
- Storage temperature: -20°C to 80°C
- Relative humidity:
 - 35~85%, non-condensation, operating
 - 10~90%, non-condensation, non-operating
- Dimensions (mm): 335.63 (W) x 130.63 (H) x 55.87 (D)

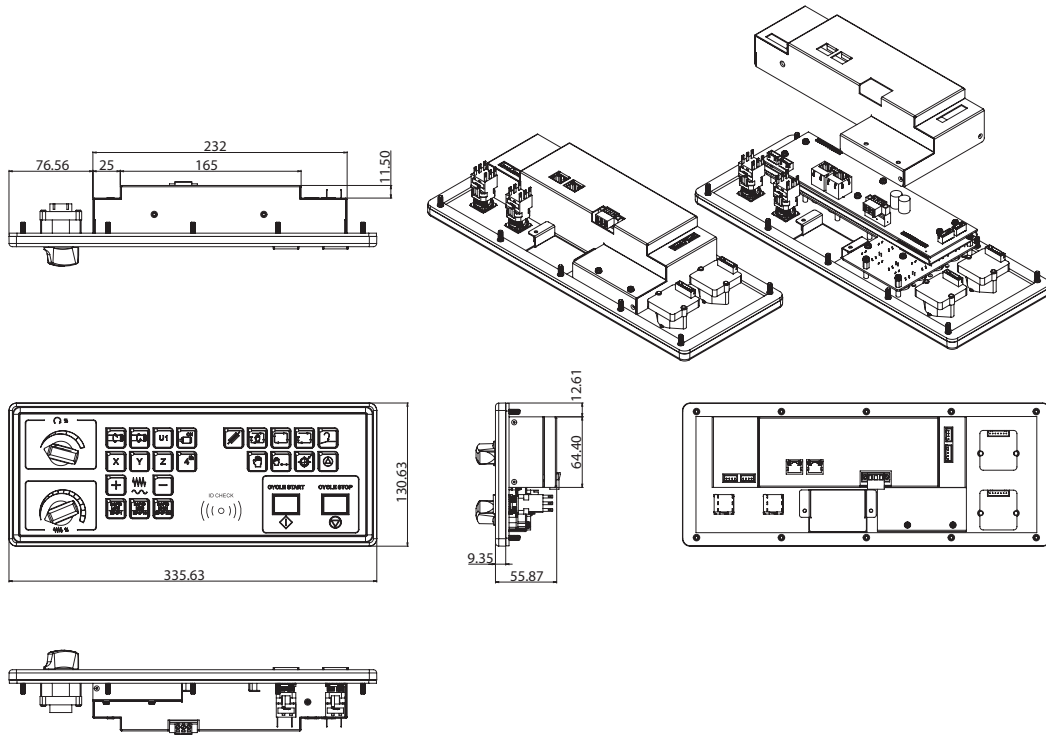
Certifications

- CE
- FCC Class A

Communication

- Protocol: EtherCAT
- Bus interface: 2 x RJ-45
- Media: Ethernet cable (min. CAT5), shielded
- Distance between stations: maximum. 100m (100BASE-TX)
- Data transfer rate: 100M baud

Dimension Drawing



Ordering Information

- ◆ AXE-9801 (P/N: 90J40980100X0)
EtherCAT-based control panel