AMAX-4870

6-port EtherCAT Junction Module

Features

- Realizing flexible wiring by daisy chain and branch connection
- Easy to maintain
- To prevent entire system breakdown
- EtherCAT conformance test tool verified

Introduction

AMAX-4870 helps user to realize flexible wiring configurations in Line, Tree or Star topologies to prevent entire system operation shutdown. It also can improve efficiency of debugging and maintaining work. AMAX-4870 has been verified by EtherCAT conformance test tool and can support major third party MDevice (TwinCAT, Codesys, Acontis).

Specifications

General

- **Protocol** — EtherCAT
- **Ports** — In : 1 port
  Out : 5 ports
- **Data Rate** — max. 100 Mbps
- **Power Input** — 10 ~ 30V$_{DC}$
- **I/O Connector** — 3-pin 3.81mm screw terminal block x 2 (power)
  RJ-45 x 6 (EtherCAT)
- **Dimensions (W x D x H)** 120 x 120 x 40 mm
- **Power Consumption** — 24V : 140mA (typical) ; 190mA (max.)
- **Transmission Cable** — Ethernet CAT 5E
- **Operating Temperature** -20 ~ 60°C (-4 ~ 140°F)
- **Storage Temperature** — -40 ~ 70°C (-40 ~ 158°F)
- **Storage Humidity** — 5 ~ 95% RH (non-condensing)

Ordering Information

- **AMAX-4870-AE** — 6-port EtherCAT Junction Module
- **96PSD-A40W24-MM** — DIN rail power supply, 40 W, 24 V

Dimensions

ADVANTECH **Industrial USB I/O Modules**
All product specifications are subject to change without notice.
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