

CAMIO

Standard Digital I/O Module 10 In/16 Out With Extension Functions



**Hoops!
ECAM & Capture / Compare
Function Inside**

Features:

- 10 Digital Inputs
- 16 Digital Outputs
- 1 CAN(CANopen)
- 1 RS485(ModBus RTU)
- 2 Encoder Inputs
- 2 Clock Inputs

Applications:

- ※Industrial On/Off Control
- ※Contact Closure Monitoring
- ※Switch Status Sensing
- ※Digital I/O Control
- ※Punch Press ECAM Output
- ※Trolley Conveyor Multi-axis Synchronization

Introduction

CAMIO is a CANopen standard I/O Module with 10 DI, 16 DO. It has two absolute encoder input ports that can make CAMIO an ECAM controller. Compare / Capture function is also available with two clock input ports.

The functions, each like general I/O and Capture / Compare, is also programable by software configuration via RS485 and CAN ports with Modbus RTU and CANopen protocol respectively.

CANopen Features

NMT: Slave
Error Control: Node Guarding
Node ID: 1~127, Configured by Software
PDO Modes: Sync(Cyclic/acyclic), Event Triggered
PDO Mapping: Variable
BaudRate: 125k/250k/500k/800k/1M
Emcy Messages: Yes
Application Layer: CiA 301 v4.02
Profile: CiA 401 v2.01

CANopen

General Data

Power Supply: 24Vdc
Operating Temperature: -10 ~ +65 Deg
Supported Protocols: Modbus RTU
CANopen
Max CAN Baud Rate: 1M bps
Dimension: 90L*90W*61H

Digital Input Channels:

8 Fast Input
2 Very Fast Input
Type: NPN 24V
TPDO: <1ms

Digital Output Data

Channels: 16
Type: Open Collector
RPDO: <1ms

Encoder Input

Channels: 2
Type: JPS Mag Encoder

Clock Input

Channels: 2
Type: QEP

JPS

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