

# **EtherCAT Coupler**

#### FASTCAT IO - Version V1

#### Introduction

FastCAT IO is the head of rack system designed for mounting on a standard DIN-Rail with proprietary MTBus. The module is an EtherCAT slave which converts the passing telegram from EtherCAT to local bus MTBus; it can manage up to 16 I/O modules. The rotary switch allows to assign an ID to the coupler on the EtherCAT bus.

**Terminals** 

The network is connected via the two RJ45 EtherCAT interface.









### **Hardware Specification**

Feature	
Supply voltage	24Vdc typ (range 1836V)
Fieldbus	EtherCAT
Addressing on fieldbus	Rotary switch
Local bus MTBus rate	Up to 10MHz
Data transfer medium / rate	EtherCAT cable min. Cat 5 shielded / 100Mbit
Distance between stations	Max. 100m
Bus interface	2 x RJ45
Electrical	
Electrical Isolation	1000Vrms
Power consumption Coupler	2W
Power consumption with 16 I/O modules	20W
Interface	Proprietary MTBus
Stripping length	8-9mm
Specification	EN 61131-2
Diagnostic leds	Power (green) CPU run (yellow) Error (red) EtherCAT run (yellow) Link IN (green) Link OUT (green) CNF (red) 24V (green)
Mechanical	
Dimensions [W x H x D]	19x120x93mm
Installation	On 35mm DIN-Rail
Enviroment	
Operating/storage temperature	055°C / -20+85°C
Relative humidity	Max 95% without condensation
Degree of protection	IP20

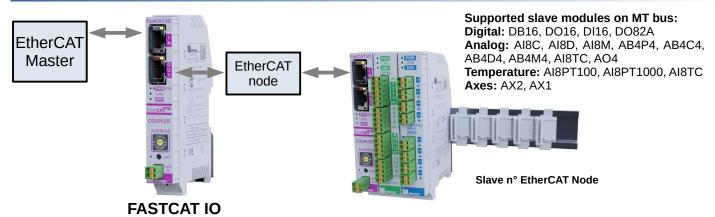


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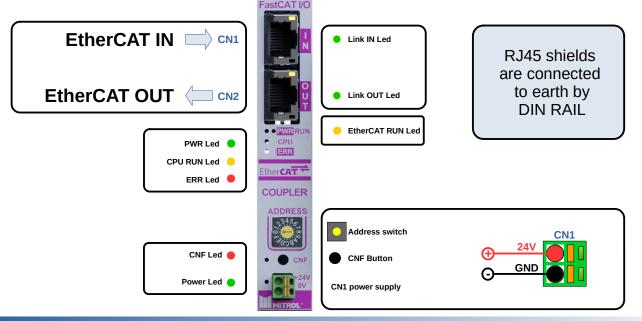
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### **Application**



**Terminals** 

### **Pin Assignements**



### **Dimensions (Units: mm)**

