

## Introduction

Mitrol EtherCAT junction slave JCAT can be used to cable in daisy chain, star and tree network topologies. It helps the users to improve assembling and wirings of the EtherCAT lines. The three shielded RJ45 ports, positioned on the front panel, allow the user to plug the EtherCAT lines.

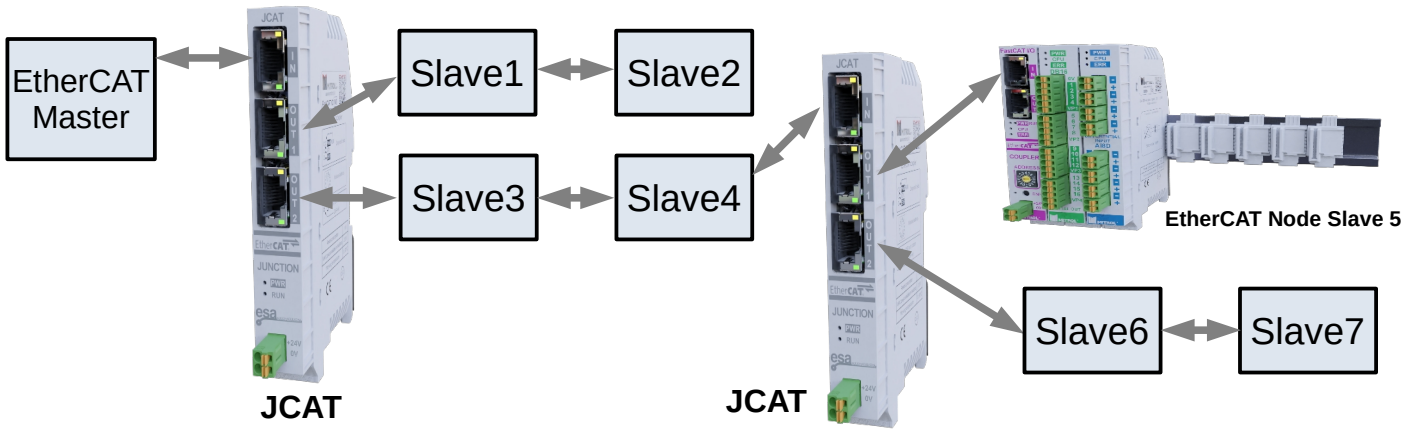
JACT module, mountable on standard DIN-Rail, has a wide range of power supply.



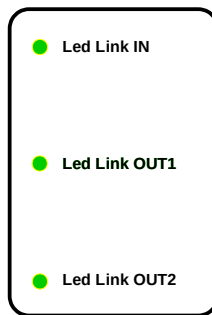
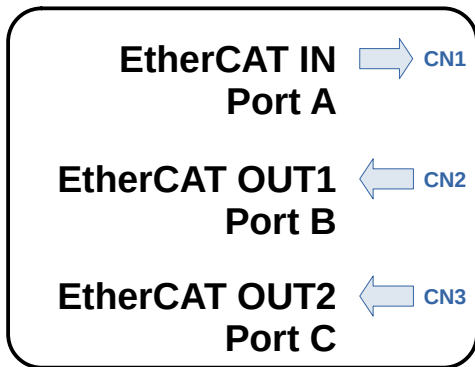
## Hardware Specification

Feature	
Supply voltage	24 Vdc typ (range 18...36V)
Fieldbus	EtherCAT
Data transfer medium / rate	EtherCAT cable min. Cat 5 shielded / 100 Mbit
Distance between stations	Max. 100 mt
Bus interface	3 x RJ45
Electrical	
Electrical Isolation	1000 Vrms
Power consumption	2 W
Stripping length	8-9 mm
Specification	EN 61131-2
Diagnostic leds	Power (green) EtherCAT run (yellow) Link IN (green) Link OUT1 (green) Link OUT2 (green)
Mechanical	
Dimensions [W x H x D]	19 mm x 120 mm x 93 mm
Installation	On 35 mm DIN-Rail
Enviroment	
Operating/storage temperature	0 °C to 55 °C / -20 °C to 85 °C
Relative humidity	Max 95% without condensation
Degree of protection	IP20

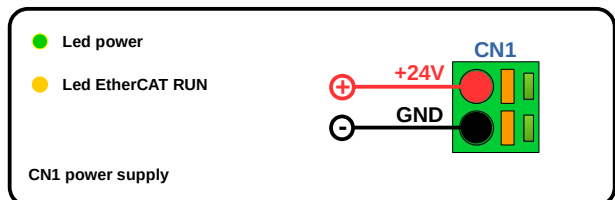
### Application



### Pin Assignments



RJ45 shields are connected to earth by DIN RAIL



### Dimensions (Units: mm)

