INTRODUCTION

Robot Practice Kit is a real-time and high-speed synchronization platform with Master Robot Controller and Slaves Devices based on EtherCAT communication. The platform simulates a robot system includes: motors, I/Os and encoder counter. It is perfect for enabling a wide range of exciting training and educational activities.
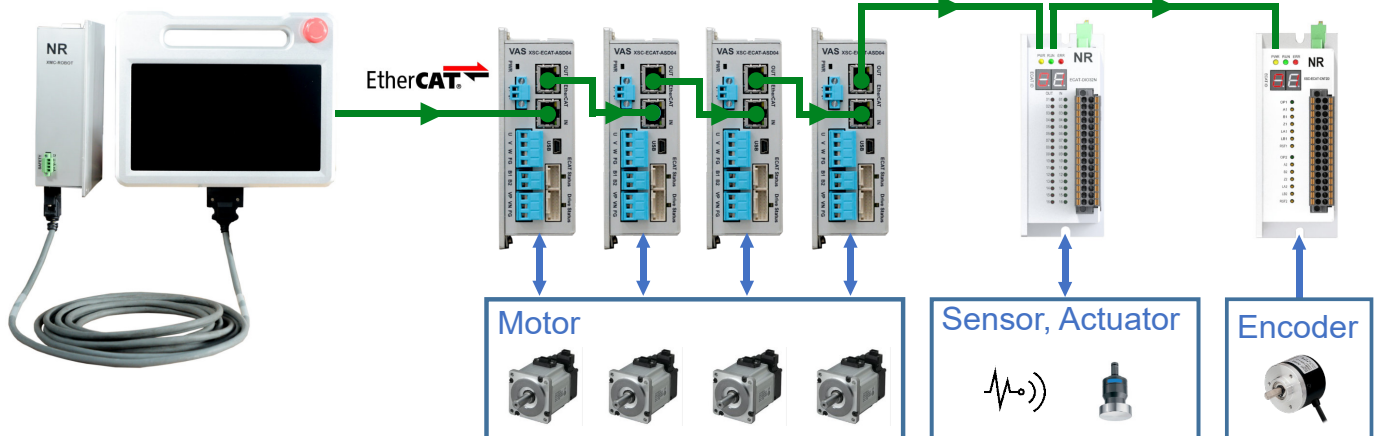
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ROBOT PRACTICE KIT

EtherCAT Master Robot Controller   AC Servo Driver   Digital Input/Output   Counter

Motor   Sensor, Actuator   Encoder

Features

- Fast and simple learning curve, ideal for all robot programmer.

- Simplified BASIC robot language supports powerful controller functionality.

- Simulation robot program.

- Easy-to-use with touch screen.

SPECIFICATIONS

VAS EtherCAT Master Robot Controller
XMC-ROBOT

- Real-time OS: On Time RTOS32

- Support CiA-402 (DS-402) device profile.

- Kinematics: Multi-Axis, SCARA, Delta, Articulated

- Support advanced motion functions: Continuous move, fillet, velocity override.
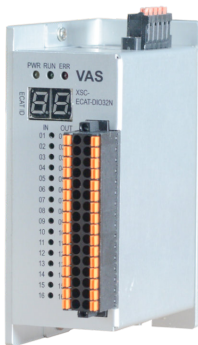
VAS nEXT1 Servo Driver
XSC-ECAT-ASD04

- Main power supply: 24 ~ 350VDC

- Power Output: 50W - 400W

- Control System: Intelligent module, PWM control

- Communication: EtherCAT

VAS EtherCAT Digital Input/Output
XSC-ECAT-DIO32N

- EtherCAT-based 16/16 channels Digital Input/ Output Module

- Load Voltage: 3.5 - 50 VDC

- Maximum output current: 300 mA/channel

VAS EtherCAT Counter
XSC-ECAT-CNT2D

- Number Of Channels: 2

- Resolution: 32 bits

- Counting Mode: A/B phase, Pulse/Direction, Increment/Decrement

- Communication: EtherCAT

VAS CORPORATION

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