



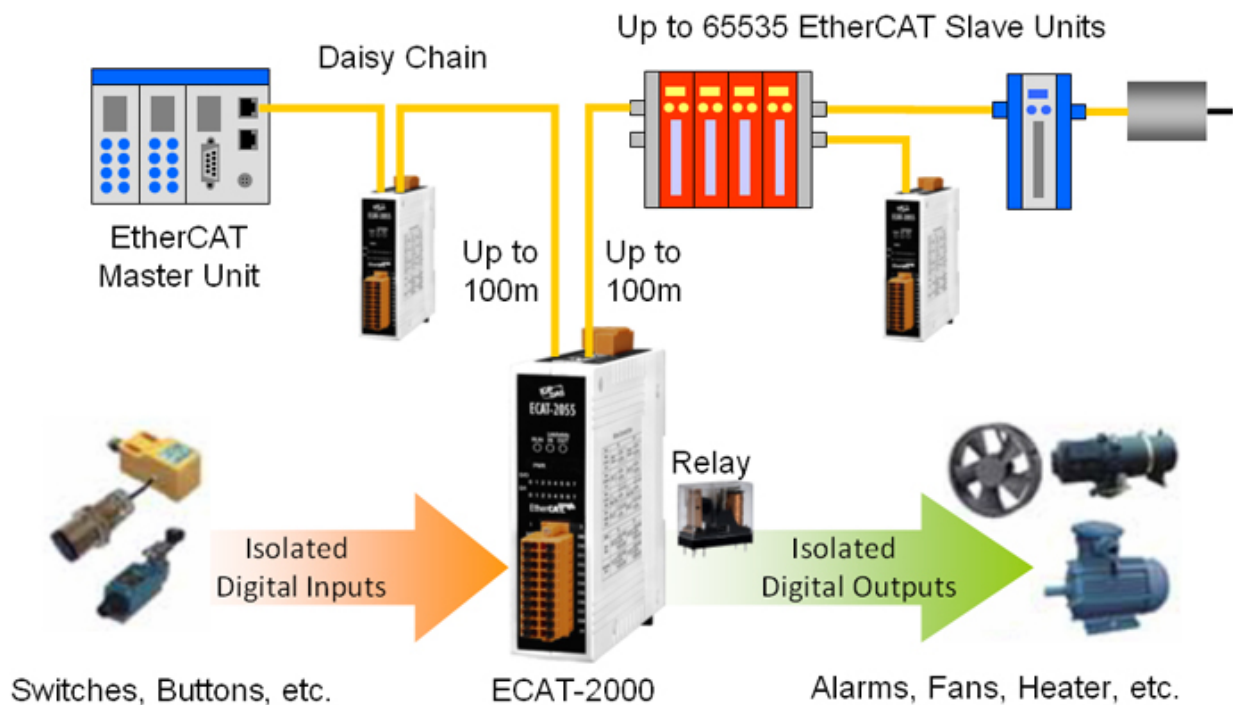
Making Data Acquisition Easy

CAGE/NCAGE Code: 3FNFO

EtherCAT Junction Slave Module

EtherCAT protocol stands for Ethernet for Control Automation Technology. It is one of the fieldbus system by Beckhoff Automation. Industries can use EtherCAT to build real-time Ethernet network for data communication and data acquisition. According to Beckhoff, EthernetCAT can distribute 1000 I/O in 30 micro second.

The ECAT-2000 is equipped with the EtherCAT protocol and installed by daisy chain connection which permits the flexibility in devices installation and reduces infrastructure and operation costs. All the modules can be deployed in the network topologies such as star, line or ring. The isolation input and output design protects the ECAT-2000 against the harmful interference and environment.



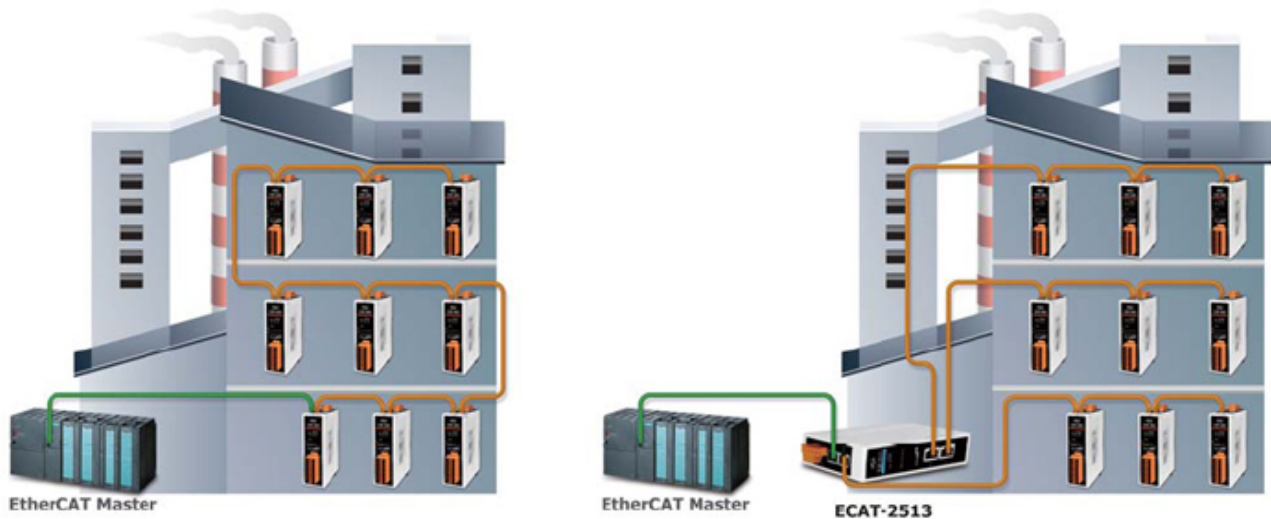


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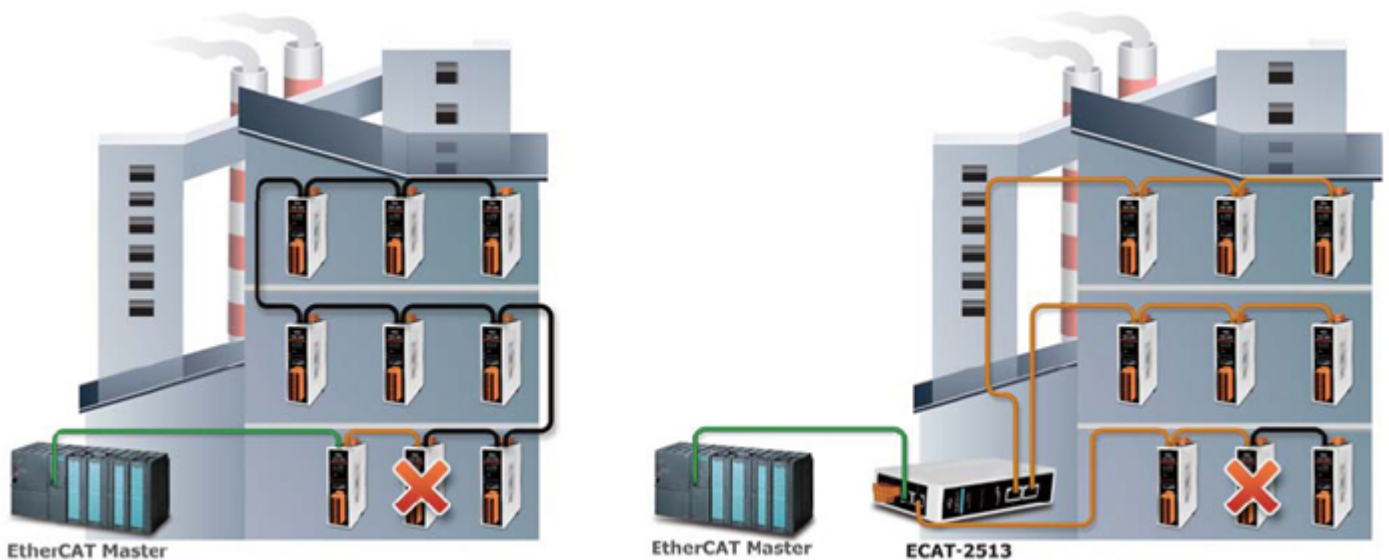
Benefit 1: Translate Daisy-chain to Branch Topology

EtherCAT junction slaves can realize branch topology. They make the cabling easier than daisy-chain topology.



Benefit 2: Improving the Debugging Efficiency

If a slave device is not working or the cable is disconnected, the following slave devices on the same network all not communicate with the master controller.





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With EtherCAT junction slaves, all slave devices can be wired as separated sections. If one slave device is failed, only the slave devices on the same section will be influenced. The EtherCAT junction slave keeps the slave devices on another section communicate with the master controller. Debugging can be made separately, thus improving the debugging efficiency.

If you have other CAN communication requirements or have some questions, we can certainly help you to choose the best solution. Please call our technical support team at (310) 517-9888 X102