

EDIO-S003

Remote I/O control sub-board

Features

- Serial communication interface
- 64 digital inputs
- 64 PhotoMos Relay outputs
- Power isolation from mother board
- Suitable to DIN TS32(A)/TS35(A) rack

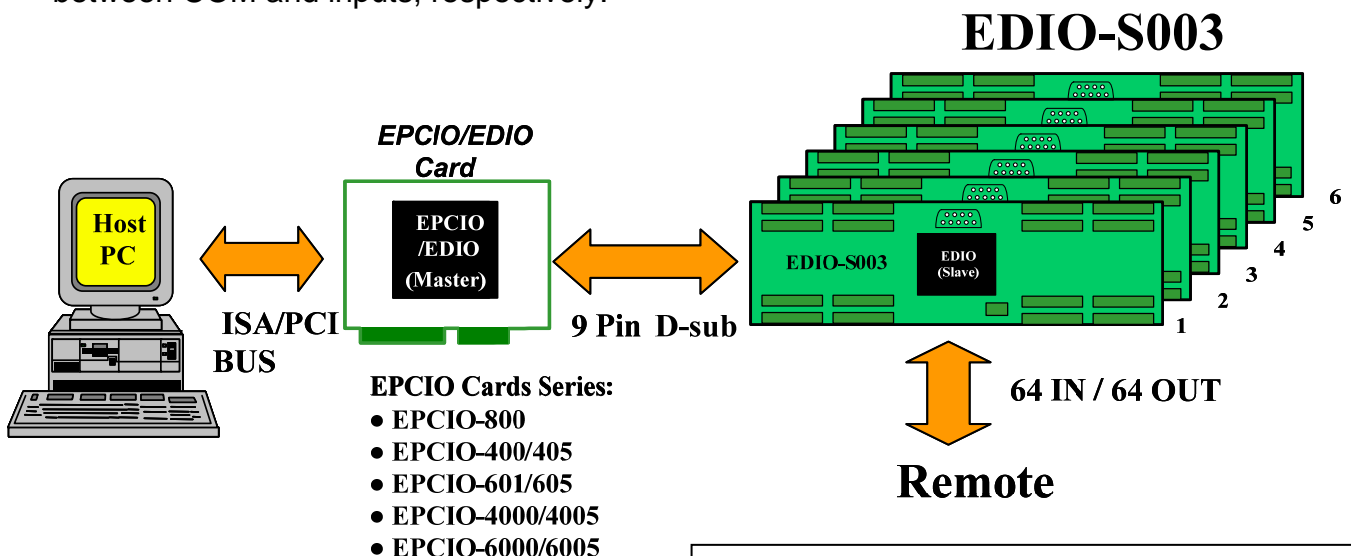


Introduction

EDIO-S003 board adopted ITRI developed EDIO ASIC. Through the ITRI patented remote wiring saving design, with serial communication, IPC can control the 64 points input and 64 points output of this sub-board. This remote input/ output module concept, with the sizable reduction of system wiring complexity, increased system reliability and maintainability, in addition to cost saving. Further, the module itself is applicable to DIN Standard TS32(A) / TS35(A) track, which facilitate the electrical control box installation and wiring.

Specifications

- Size : 107mm x 335mm
- Compatible to DIN TS32(A)/TS35(A) rail
- EK500V4L DINKLE
- 64 Sink type or Source type inputs
 - ◆ Programmable 4 interrupt inputs.
 - ◆ 1 or 0 is determined by short or open between COM and inputs, respectively.
- 64 PhotoMos Relay outputs
 - ◆ maximum current for single point :100 mA
 - ◆ 8 points for each port
- Power requirement :
 - ◆ One E5V (500 mA)
 - ◆ One COM (5V ~ 24V)



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