

Redundancy Solutions

Can be applied to

- ☒ Steel
- ☒ Petrochemical
- ☒ Food manufacturing
- ☒ Pharmaceutical manufacturing
- ☒ I/O reliability improving

HMI



Ethernet



Cyber-Ring Ethernet Self-healing Technology

Communication Redundancy

- ☒ Self-healing
- ☒ Flexible Ring Topology
- ☒ High reliability

Ethernet

RS-485



Control Redundancy

- ☒ Fast & easy project deployment
- ☒ IP auto switchover

Ethernet

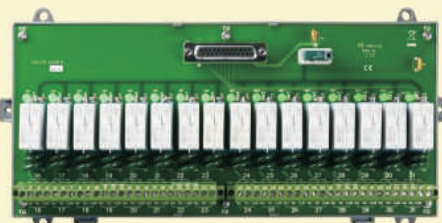
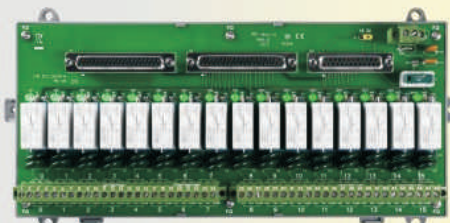
iDCS-8830



I/O Redundancy

- ☒ Flexible I/O combination
- ☒ Simplify wiring & easy maintainance
- ☒ Seamless I/O switchover
- ☒ Up-to-date I/O data
- ☒ Hot-swappable
- ☒ Auto re-configure

Terminal board



Field devices



Digital / pulse output



Digital / pulse inputs



Analog Input



Analog Output



HART



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