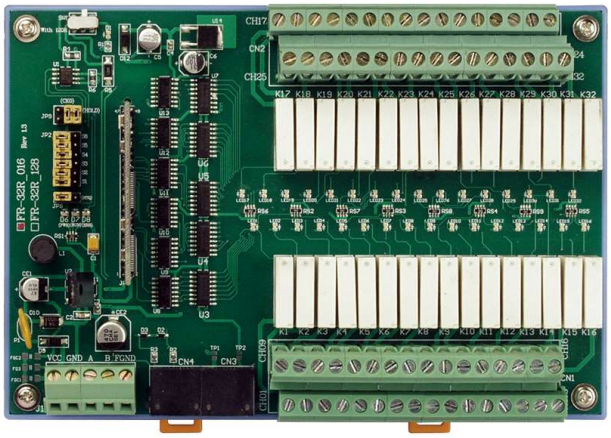


FR-32R/DIN

32-channel Relay Output Module

Features

- Built-in FRnet interface
- Real I/O synchronization
- Innovative token-stream technology
- Support Broadcasting
- Real Deterministic Control
- Fixed Scan time: 256 points @ 2.88 ms
- Each bank consists of 8 input channels and has its own ground reference
- ASIC design without CPU
- Memory-map I/O
- No protocol and no software overhead
- Easy Programming and OS-independent
- Two-Wire Cabling
- Jumper setting

Introduction

The FR-32R has 32-channel relay output. Not like traditional relay output board, the FR series I/O module has an FRnet interface.The FR I/O module can be used as a distributed remote I/O module or a MagicWire module.The user should select the correct setting when using these modules. Refer to jumper setting. The user can daisy several FRnet modules together. Via FRnet, the FRnet modules can work with PC, PAC, µPAC and PLC easily. Further information about the networking of FR-32R; refer to related literatures of I-8172W, FRB-200U.

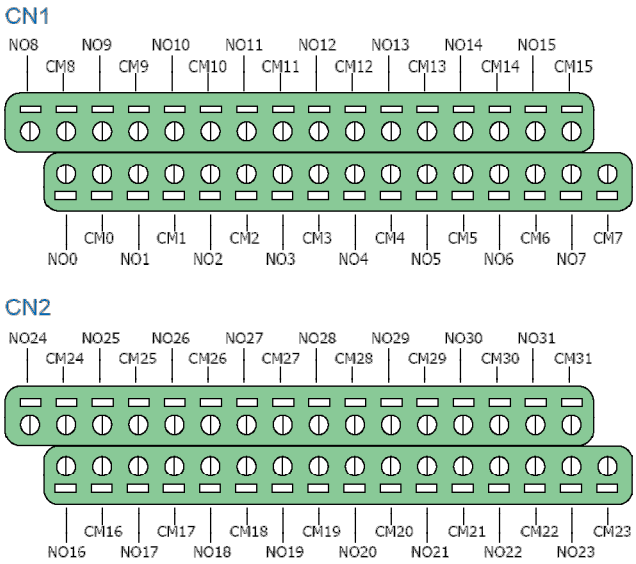
Applications

- Factory Automation
- Building automation
- Energy management
- Agriculture automation

Specifications

Relay Output	
Channels	32
Type	Power Relay
Contact Rating	Form A: 3 A/125 VDC, 3 A/270 VAC
Release Time	Form A: 5 ms
Mechanical Endurance	Form A: 20,000,000 ops. at no load.
FRnet	
Transfer Speed	250 kbps
Transfer Distance	400 m Max.
Power	
Input Range	+10 ~ +30 VDC (Non-isolation)
Consumption	24 V @ 240 mA (Max.)
Mechanical	
Dimensions (mm)	173 x 117 x 43 (W x L x D)
Environment	
Operating Temperature	-25 ~ +75 °C
Storage Temperature	-30 ~ +85 °C
Humidity	10 ~ 90% RH, Non-condensing

Pin Assignments



Ordering Information

FR-32R/DIN	FRnet I/O Module with 32-channel Relay

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