



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
- Din-rail mounting
- 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, μ PAC and PLC easily. Further information about the networking of FR-32R; refer to related literatures of I-8172W, FRB-100U/200U.

Applications

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

System Specifications

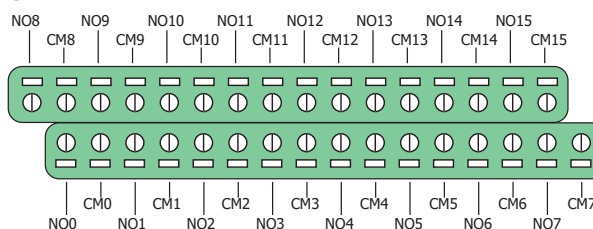
Interface	
Transfer Speed	250 kbps
Transfer Distance	400 m Max.
Power	
Consumption	24 V @ 240 mA (Max.)
Input Range	+10 ~ +30 VDC (Non-isolation)
Mechanical	
Dimensions (W x L x D)	173 mm x 117 mm x 43 mm
Environmental	
Operating Temperature	-25 °C ~ +75 °C
Storage Temperature	-30 °C ~ +85 °C
Humidity	10 ~ 90% RH, non-condensing

I/O Specifications

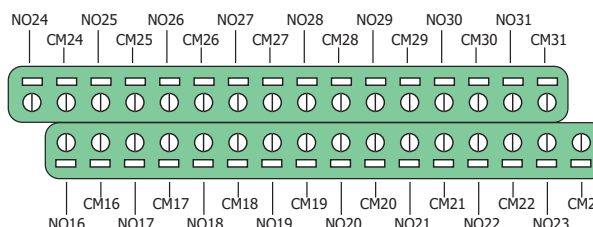
Relay Output	
Channels	32
Contact Rating	Form A: 3 A/125 VDC, 3 A/270 VAC
Mechanical Endurance	Form A: 20,000,000 ops. at no load.
Release Time	Form A: 5 ms
Type	Power Relay

Pin Assignments

CN1



CN2



Ordering Information

FR-32R/DIN	32-channel Relay Output Module
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