

NZ2FT Series Slice Type Remote I/O

Story



NZ2FT Series Broadcast

Space-saving simple configuration

The NZ2FT Series slice type remote I/O module, equipped with 16 points, has a width of 11.5 mm. Up to 64 modules can be connected per station, allowing multi-point configuration, realizing space-saving. Moreover, when an external power supply is connected to coupler modules and extended power supply modules, the power is supplied to all modules. Thus, it is unnecessary to connect the power to each I/O module.

Reduce downtime and maintenance costs

The NZ2FT Series slice type remote I/O module has LEDs for each terminal. Therefore, operation can be easily checked, reducing maintenance costs. The slice I/O module also supports a hot swap function that enables module replacement with the power on, reducing downtime.

Highlights

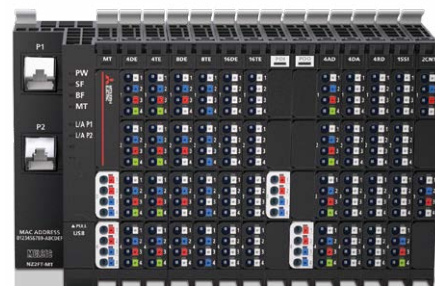
- Space-saving simple configuration
- Less wiring time with detachable push-in type connector
- Less downtime with a hot swap function
- Setting tool built in a coupler module

Dedicated setting tool (Web server)

Parameters can be set using GX Works3 or Web server, a dedicated setting tool built in a coupler module. This dedicated setting tool includes features such as monitoring/diagnostics and functional tests, helping to reduce engineering time and machine costs.

Detachable push-in type connector

Equipped with a push-in type spring clamp terminal block, wiring is easy just by inserting a ferrule terminal or bar terminal. Moreover, the detachable connector enables harness connection after wiring, shortening wiring time.

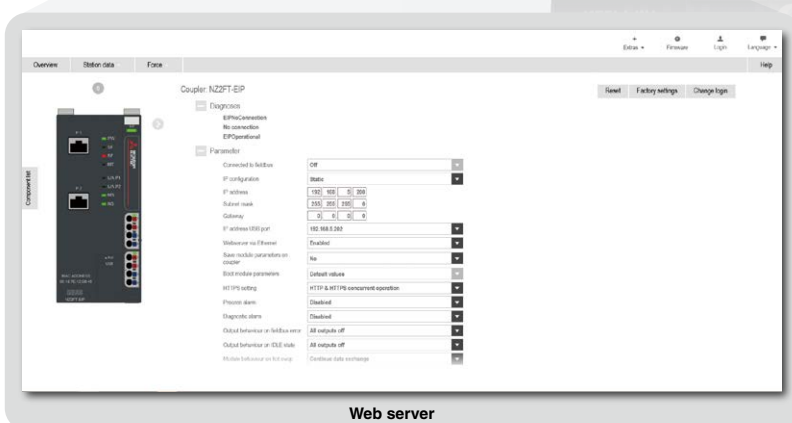
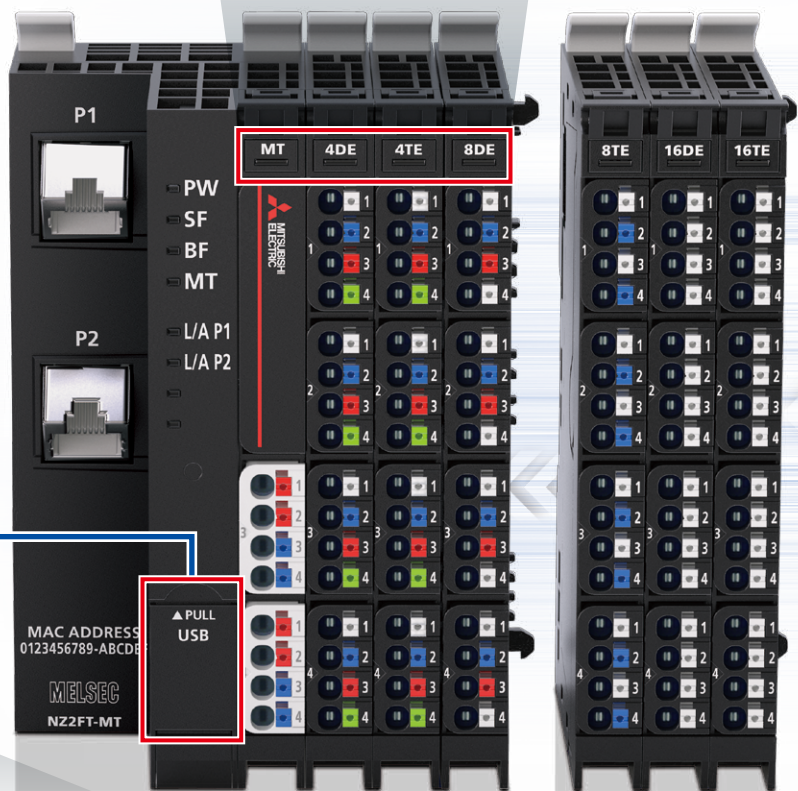


Flexible system configuration combining with slice I/O modules with various functions

The NZ2FT Series slice type remote I/O modules are thin modules connectable each other. A flexible and compact system can be configured by selecting modules with various functions and different input/output points. The dedicated setting tool built in a coupler module enables intuitive parameter settings and monitoring/diagnostics.

LEDs show error status

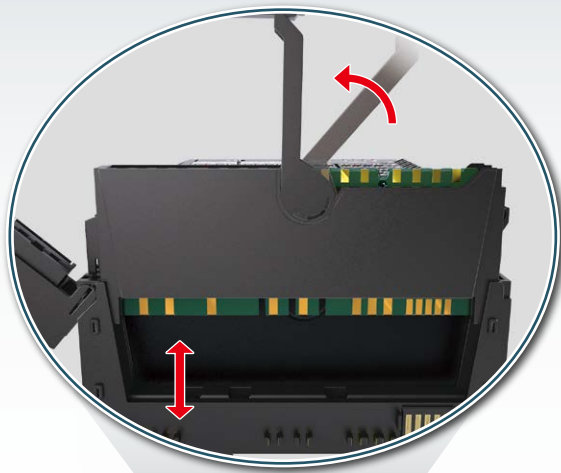
Each module is equipped with an LED that visually shows error status. The error status can be checked instantly, reducing startup and maintenance time.



Web server

Dedicated software Web server

The built-in Web server enables parameter setting even before a system is established. Additionally, error status can be checked on the Web server screen, helping to reduce system downtime.



Supporting hot swap

Without turning the power off, modules can be attached or detached, reducing the machine downtime.



Detachable push-in type connector

Devices such as sensors and actuators can be connected to the slice I/O module with detachable push-in type connectors. Those connectors can be easily attached and detached, eliminating maintenance such as retightening of screws.

Product list

Slice I/O module specifications

Item		Specifications
Coupler modules		
NZ2FT-PBV		PROFIBUS DP-V1 supported
NZ2FT-EIP		EtherNet/IP™ supported
NZ2FT-MT		MODBUS®/TCP supported
I/O modules		
DC input	NZ2FSTS4-4DE	Negative common type DC input, 4 points: 24 V DC, 4-wire
	NZ2FSTS3-8DE	Negative common type DC input, 8 points: 24 V DC, 3-wire
	NZ2FSTS1-16DE	Negative common type DC input, 16 points: 24 V DC, 1-wire
Transistor output	NZ2FSTS4-4TE	Transistor (source) output, 4 points: 24 V DC, 0.5 A, 4-wire
	NZ2FSTS2-8TE	Transistor (source) output, 8 points: 24 V DC, 0.5 A, 2-wire
	NZ2FSTS1-16TE	Transistor (source) output, 16 points: 24 V DC, 0.5 A, 1-wire
Analog modules		
Analog input	NZ2FSTS-60AD4	4 channels, -10...10 V DC, 0...20 mA DC, 1 ms/CH
Temperature input	NZ2FSTS-60RD4	4 channels, RTD input
Analog output	NZ2FSTS-60DA4	4 channels, -10...10 V DC, 0...20 mA DC, 1 ms/4CH
High-speed counter module		
NZ2FSTS-D62P2		2 channels, 24 V DC
Absolute encoder module		
NZ2FSTS-D66D1		1 channel, SSI absolute encoder input
Power feed modules		
For input module	NZ2FTPDI	DC power supply; input, 24 V DC
For output module	NZ2FTPDO	DC power supply; output, 24 V DC

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MODBUS is a registered trademark of Schneider Electric USA, Inc.

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• To use the products listed in this publication properly, always read the relevant manuals before use.

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