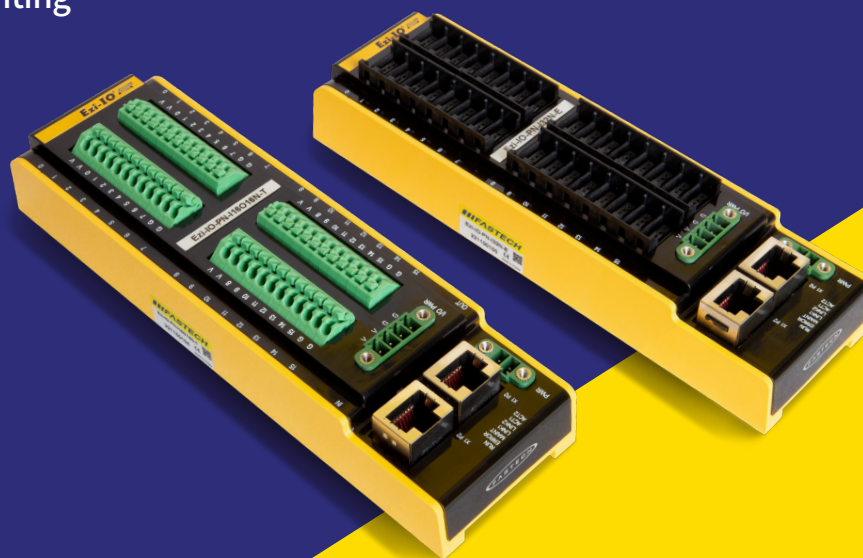


- PROFINET based Digital I/O Module
- Support RT(Realtime) & IRT(Isochronous Realtime) Communication
- Simple and Easy Wiring
- DIN rail mounting



### Module Specification

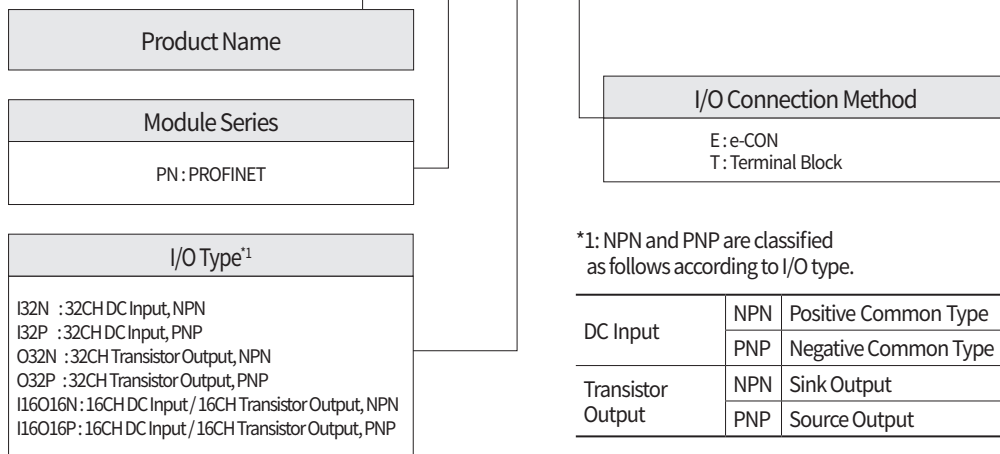
□ : N = NPN type, P = PNP Type

■ : E = e-CON Type, T = Terminal Block Type

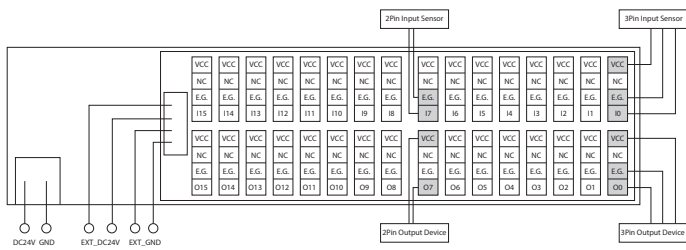
Model		Ezi-IO-PN-I32□-■	Ezi-IO-PN-O32□-■	Ezi-IO-PN-I16O16□-■
Input Voltage		DC24V ±10%		
Operation Condition	Ambient temperature	<ul style="list-style-type: none"> <li>• In Use : 0~50°C</li> <li>• In Storage : -20~70°C</li> </ul>		
	Humidity	<ul style="list-style-type: none"> <li>• In Use 35~85% RH (Non-Condensing)</li> <li>• In Storage 10~90% RH (Non-Condensing)</li> </ul>		
	Vibration Resistance	0.5g		
Function	Input	Number of Input Channels	32CH	16CH
		Rated Input Voltage	DC24V	DC24V
		Rated Input Current	5mA/CH	5mA/CH
		Isolation Method	Photocoupler Isolation	Photocoupler Isolation
		Common Method	16CH/COM	16CH/COM
		Off→On Response Time	10μs or lower	10μs or lower
		On→Off Response Time	70μs or lower	70μs or lower
	Output	Number of Output Channels	32CH	16CH
		Rated Output Voltage	DC24V	DC24V
		Rated Output Current	0.5A/CH (3A/COM)	0.5A/CH (3A/COM)
		Isolation Method	Photocoupler Isolation	Photocoupler Isolation
		Common Method	16CH/COM	16CH/COM
		Off→On Response Time	4μs or lower	4μs or lower
		On→Off Response Time	190μs or lower	190μs or lower
LED Display		<ul style="list-style-type: none"> <li>• PWR : Power Status</li> <li>• RUN : Communication in Run</li> <li>• ERROR : Operation Error</li> </ul>	<ul style="list-style-type: none"> <li>• MAINT : Maybe Maintenance Need</li> <li>• LINK1/LINK2 : Port1/Port2 connected</li> </ul>	
		Input 0~31 Status	Output 0~31 Status	Input 0~15 / Output 0~15 Status
PROFINET	I&M data	I&M0 to I&M4		
	Communication	RT(Realtime) & IRT(Isochronous Realtime)		
	Interface	2 x RJ45 Connector		
	Cable	STP (Shield Twist Pair) Cable, Category 5e or higher, Max 100m		

## Part Numbering

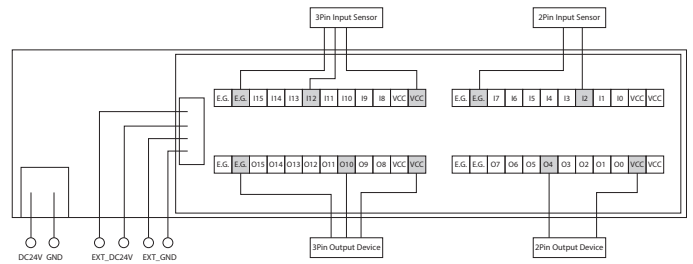
### Ezi-IO-PN-I32N-E



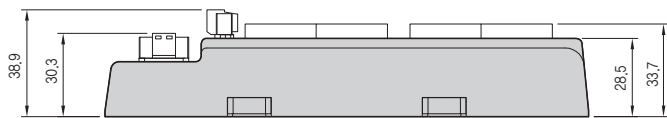
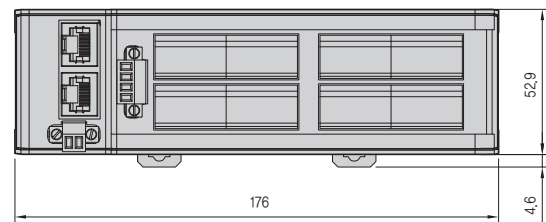
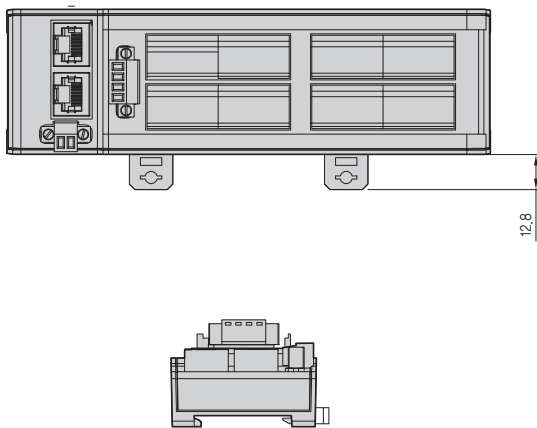
## Wiring Example (Ezi-IO-PN-I16O16N-E)



## Wiring Example (Ezi-IO-PN-I16O16N-T)



## Module Dimension(e-CON Type)



*Fast, Accurate, Smooth Motion*

\* Product information in this catalog based on date of October 2023.  
The specification of product can be changed without pre-notification due to enhancements and improvements of product.

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