

ix HMI Solution

ix HMI SoftControl

Frequency inverters

Remote I/O systems

FnIO S-series

Network adapter modules

EtherCAT NA9286

Modbus-TCP NA-9189

Modbus-RS485 NA-9173

Modbus-RS232 NA-9171

EtherNet/IP NA-9188

CC-Link NA-9131

CANopen NA-9161

PROFINET NA-9187

PROFIBUS NA-9122

DeviceNet NA-9111/9112

Digital input modules

Digital output modules

Analog input modules

Analog output modules

Power modules

Special modules

Data communication

Power supplies

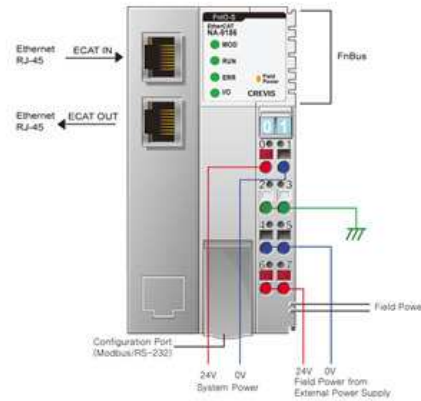
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## EtherCAT NA9286



- The NA-9286 is EtherCAT network adapter and connected to the RJ45 Ethernet port
- The NA-9286 works as a slave in a master/slave environment
- NA-9286 is able to control maximum 2016 digital input/2016 digital output or 126 analog input/126 analog output channels
- It has the indicators for diagnostic functions. (status of module , network, expansion unit and field power)
- It supports the communication speed to 100Mbps
- NA-9286 to automatically assign Mac address and IP address.

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Technical data Downloads

NA-9286						
<b>Communication Interface Specifications</b>						
Adapter Type	EtherCAT Slave Node					
Max. Expansion Module	32 slots					
Max. Input Size	252 bytes (2016 points)					
Max. Output Size	252 bytes (2016 points)					
Data Baud Rate	100Mbps					
Max. Nodes	65,535					
Interface Connector	1RJ-45 Socket 2pcs (ECAT IN→IN, ECAT OUT→OUT)					
Mac Address / IP Address	No need					
Indicator	5 LEDs (Front Window) 1 Green/Red, Module Status (MOD) 1 Green, Current Running Status (RUN) 1 Green, Error Status (ERR) 1 Green/Red Expansion I/O Module Status (I/O) 1 Green, Field Power Status 1 LED (each RJ-45 Connector) 1 Green Link, Active					
Module Location	Starter module – left side of FnIO system					
Field Power Detection	About 11Vdc					
Configuration Tool	IO Guide Pro					
Configuration Port	<table border="1"> <tr> <td rowspan="2"><b>Modbus/RS-232</b></td> <td>Node</td> <td>1 (fixed)</td> </tr> <tr> <td>Baud rate</td> <td>115200 (fixed)</td> </tr> </table>	<b>Modbus/RS-232</b>	Node	1 (fixed)	Baud rate	115200 (fixed)
<b>Modbus/RS-232</b>	Node		1 (fixed)			
	Baud rate	115200 (fixed)				

		Data bit	8 (fixed)
		Parity bit	No parity (fixed)
		Stop bit	1 (fixed)
<b>General Specification</b>			
System Power	Supply voltage : 24Vdc nominal Supply voltage range : 16~28.8Vdc Protection : Output current limit(Min. 1.5A) Reverse polarity protection		
Power Dissipation	100mA typical @24Vdc, TBD		
Current for I/O Module	11.5A @5Vdc		
Isolation	System power to internal logic : Non-isolation System power to I/O driver : Isolation System to Physial(RJ-45) : Trans, Isolation		
Field Power	Supply voltage : 24Vdc nominal Supply voltage range : 11~28.8Vdc		
Max. Current Field Power Contact	DC 10A Max.		
Weight	150g, TBD		
Module Size	54.2mm x 99mm x 70mm, TBD		