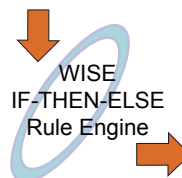




## Software Specifications

Functions	
Rule Configuration Website	Access Web server on WISE controllers to edit and upload logic rules through web browser.
36 IF-THEN-ELSE Logic Rules	3 IF conditions with AND or OR operators 3 THEN actions and 3 ELSE actions
48 Internal Registers	Hold temporary variables and read/write data via Modbus/TCP address.
12 Timers	Delay / Timing functions.
12 Emails	Send Email messages to pre-set Email receivers.
12 CGI Commands	Send pre-set CGI commands.
12 Recipes	Set up THEN/ELSE action groups.
8 P2P remote modules	Set up the connection information for the remote WISE modules.
Modbus/TCP Protocol	Real time control and monitoring I/O channels and system status of controllers via SCADA software.

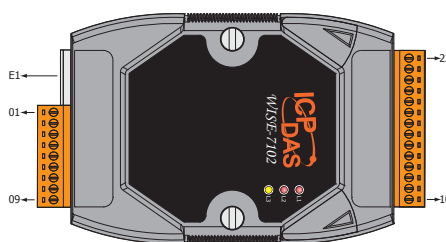
IF Conditions	
DI Channel	ON, OFF, ON to OFF, OFF to ON, Change
AI Channel	=, >, <, >=, <= (value)
Internal Register	
DI Counter	=, >, <, >=, <= (value), Change
DO Counter	
Timer	Timeout, Not Timeout
P2P	DI, AI, DI counter, DO counter, IR
Rule Status	Enable, Disable



THEN / ELSE Actions	
DO Channel	ON, OFF, Pulse Output
Internal Register	Change the value
DI Counter	Reset
DO Counter	
Timer	Start, Reset
Email	
CGI Commands	Send
Recipe	Execute
P2P	DO(On/Off), AO, IR
Rule Status	Enable, Disable

## Pin Assignments

Terminal No.	Pin Assignment
E1	RJ-45
01	Vin 0+
02	Vin 0-
03	Vin 1+
04	Vin 1-
05	Vin 2+
06	Vin 2-
07	N/A
08	(R)+Vs
09	(B)GND

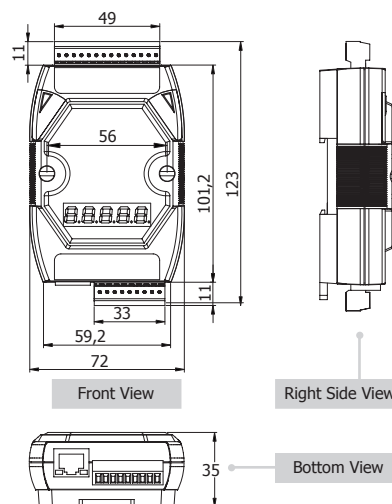


Terminal No.	Pin Assignment
23	IN 5
22	IN 4
21	IN 3
20	IN 2
19	IN 1
18	IN 0
17	IN.COM
16	IN.COM
15	RL2 COM
14	RL2 NO
13	RL1 COM
12	RL1 NO
11	RL0 COM
10	RL0 NO

## Wire Connections

Voltage Input		Current Input	
Digital Input/Counter	Readback as 1	Readback as 0	
	+10 ~ +50 Vdc	OPEN or <4 Vdc	
Sink			
Source	+10 ~ +50 Vdc	OPEN or <4 Vdc	
Power Relay	ON State Readback as 1	OFF State Readback as 0	
Relay Output			

## Dimensions (Unit:mm)



## Ordering Information

<b>WISE-7102</b>	3-Channel Analog Inputs, 6-Channel Digital Inputs and 3-Channel Power Relay Outputs PoE Module (RoHS)
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## Accessories

<b>GPSU06U-6</b>	24V/0.25A, 6 W Power Supply
<b>MDR-20-24</b>	24V/1A, 24 W Power Supply with DIN-Rail Mounting
<b>NS-205 CR</b>	Unmanaged 5-Port Industrial Ethernet Switch (RoHS)
<b>NS-205PSE CR</b>	Unmanaged 5-Port Industrial PoE Ethernet Switch (RoHS)