

Delta RTU-EN01 (Modbus TCP)

HMI Factory Setting:

Controller IP Address: 192.168.0.1

Controller COM Port: 502

Controller Station Number: 1

Control Area / Status Area: None/None

Connection

Standard Jumper Cable / Network Cable without jumper (Auto-detected by HMI)

Definition of PLC Read/Write Address

a. Registers

Type	Format	Read/Write Range	Data Length	Note
	Word No. (n)			
Basic Register	BR-n	BR-0 - BR-63	Word	Read only
Timer Register	T-n	T-0 - T-15	Word	
Counter Register	C-n	C-0 - C-15	Word	
I/O Module Control Register	RCR-n	RCR-0 - RCR-399	Word	

b. Contacts

Type	Format	Read/Write Range	Note
	Bit No. (b)		
Input Relay	RX-b	RX-0 - RX-255	Read only
Output Relay	RY-b	RY-0 - RY-255	
Timer Relay	T-b	T-0 - T-15	
R Relay	R-b	R-0 - R-15	
Counter Relay	C-b	C-0 - C-15	

 **NOTE**

- 1) The address number can be up to three digits. Even if leading 0 (zero) is used, the total address number should not be more than three digits.
- 2) Relationship between Modbus address and HMI register:

Delta RTU-EN01 (Modbus TCP) Address		Modbus Address (Dec)
Basic Register	BR-0 - BR-63	W400001 - W400064
Timer Register	T-0 - T-15	W405633 - W405648
Counter Register	C-0 - C-15	W407681 - W407696
I/O Module Control Register	RCR-0 - RCR-399	W412289 - W412689
Input Relay	RX-0 - RX-255	B101025 - B101280
Output Relay	RY-0 - RY-255	B001281 - B001536
Timer Relay	T-0 - T-15	B005633 - B005648
R Relay	R-0 - R-15	B006401 - B006416
Counter Relay	C-0 - C-15	B007681 - B007696