Allen Bradley Ethernet IP(Controllogix, Compactlogix)

(Support Allen Bradley ControlLogix, CompactLogix series PLC)

HMI Factory Setting:

Controller IP Address: 192.168.0.1

Controller COM Port: 44818 (Note 4)

Controller Station Number: 0 (Slot Number) (Note 5)

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 File No.(f) Word No.(n)	Read/Write Range	Data Length	Note
SINT Variable	**SINT**f:n	**SINT**0:0 – **SINT**999:65534	Byte	1
INT Variable	**INT**f:n	**INT**0:0 – **INT**999:65535	Word	
DINT Variable	**DINT**f:n	**DINT**0:0 – **DINT**999:65535	Double Word	
BOOL Variable	**BOOL**f:n	**BOOL**0:0 – **BOOL**999:65504	Double Word	2
REAL Variable	**REAL**f:n	**REAL**0:0 – **REAL**999:65535	Double Word	

b. Contacts

Type	Format File No.(f) Word No.(n) Bit No.(b)	Read/Write Range	Note
SINT Variable	**SINT**f:n/b	**SINT**0:0/0 – **SINT**999:65535/7	
INT Variable	**INT**f:n/b	**INT**0:0/0 – **INT**999:65535/15	
DINT Variable	**DINT**f:n/b	**DINT**0:0/0 – **DINT**999:65535/31	
BOOL Variable	**BOOL**f:n	**BOOL**0:0 – **BOOL**999:65535	

 NOTE

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1) **SINT**f:n : n must be an even number.

2) **BOOL**f:n : n must be the multiple of 32.

3) PLC IP address must be set first on RSLogix 5000 software and downloaded to PLC; otherwise PLC IP address can not be read. For detailed information about the setting methods, please refer to RSLogix 5000 software user manual.

4) Please do not change the COM port setting.

5) In this driver, PLC station number represents PLC slot number.