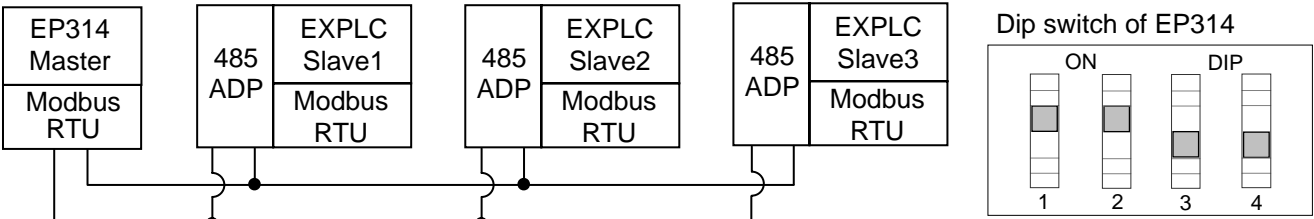
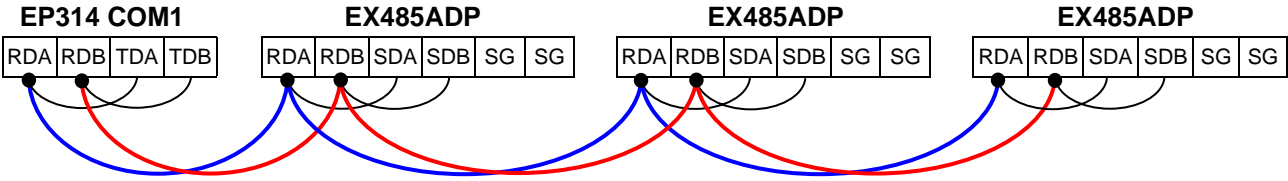


EPeditor : Link Control (HMI type: EP314) – Modbus RTU mode – EXPLC as slave EP314 is connected to three stations EXPLC.

◆ Configuration



◆ Wiring diagram



<Next Page>

◆ Parameter setting of EpEditor

AutoLink

Protocol: ModbusRtu
 Data bits: 8
 Parity: Even
 Stop bits: 1
 Baud rate: 9600
 Format 1/4: 1
 Header: OFF (0000)
 Terminator1: OFF (0000)
 Terminator2: OFF (0000)
 Hardware: RS485
 Control mode: None
 Sum check: Yes
 Station No.: 00 (Hex)
 Timeout (.1ms): 10000
 cLinkWaitTime: 1 x10ms (6087 Hex)

☒ Enable Auto Link Control
 EnableMregister: M 900
 M900-M939 be occupied
 StartDregister: D 900
 D900-D999 be occupied
 Maximum Station No.: 3
 Data Type: 16bits
 Send Dreg start address: D 1000
 Space each station (Send): 10 (words)
 Word count (Send): 4 (words)
 Receive Dreg start address: D 2000
 Space each station (Receive): 10 (words)
 Word count (Receive): 4 (words)
 Wait Time (0.1ms): 800

Read Address of Station No.

StNo01	0	Dec	StNo17	0	Dec
StNo02	0	Dec	StNo18	0	Dec
StNo03	0	Dec	StNo19	0	Dec
StNo04	0	Dec	StNo20	0	Dec
StNo05	0	Dec	StNo21	0	Dec
StNo06	0	Dec	StNo22	0	Dec
StNo07	0	Dec	StNo23	0	Dec
StNo08	0	Dec	StNo24	0	Dec
StNo09	0	Dec	StNo25	0	Dec
StNo10	0	Dec	StNo26	0	Dec
StNo11	0	Dec	StNo27	0	Dec
StNo12	0	Dec	StNo28	0	Dec
StNo13	0	Dec	StNo29	0	Dec
StNo14	0	Dec	StNo30	0	Dec
StNo15	0	Dec	StNo31	0	Dec
StNo16	0	Dec	StNo32	0	Dec

Write Address of Station No.

StNo01	10	Dec	StNo17	0	Dec
StNo02	10	Dec	StNo18	0	Dec
StNo03	10	Dec	StNo19	0	Dec
StNo04	0	Dec	StNo20	0	Dec
StNo05	0	Dec	StNo21	0	Dec
StNo06	0	Dec	StNo22	0	Dec
StNo07	0	Dec	StNo23	0	Dec
StNo08	0	Dec	StNo24	0	Dec
StNo09	0	Dec	StNo25	0	Dec
StNo10	0	Dec	StNo26	0	Dec
StNo11	0	Dec	StNo27	0	Dec
StNo12	0	Dec	StNo28	0	Dec
StNo13	0	Dec	StNo29	0	Dec
StNo14	0	Dec	StNo30	0	Dec
StNo15	0	Dec	StNo31	0	Dec
StNo16	0	Dec	StNo32	0	Dec

OK Cancel Help ...

Fill ALL Fill ALL

< Description of Action >

In this example, M900 ON, communication is started. M900 is controlled by button [F4] of Screen 1

Content of D1000 will be written to BFM#10 of slave 1. BFM#0 of slave 1 is read to D2000.

Content of D1010 will be written to BFM#10 of slave 2. BFM#0 of slave 2 is read to D2010.

Content of D1020 will be written to BFM#10 of slave 3. BFM#0 of slave 3 is read to D2020.

Send Dreg start address = D1000. Space each station(Send) = 10. Word count(Send) = 4. Write address of station No. StNo01 = 10



Start address for send is from D1000. Each slave occupies 10 points, i.e., D1000~D1009 are for slave 1. Each station send 4 point (16bits), i.e., content of D1000 will be sent to BFM#10 of slave 1. BFM#10 is assigned by writing address of station no. 1.


Receive Dreg start address = D2000. Space each station (Receive) = 10. Word count (Receive) = 4. Read address of station No. StNo01 = 0

Start address for receive is from D2000. Each slave occupies 10 points, i.e., D2000 ~ D2009 are for slave 1. Each station receives 4 point (16bits), i.e., content of BFM#0 of slave 1 will be received and stored to D2000. BFM#0 is assigned by reading address of station no. 1.

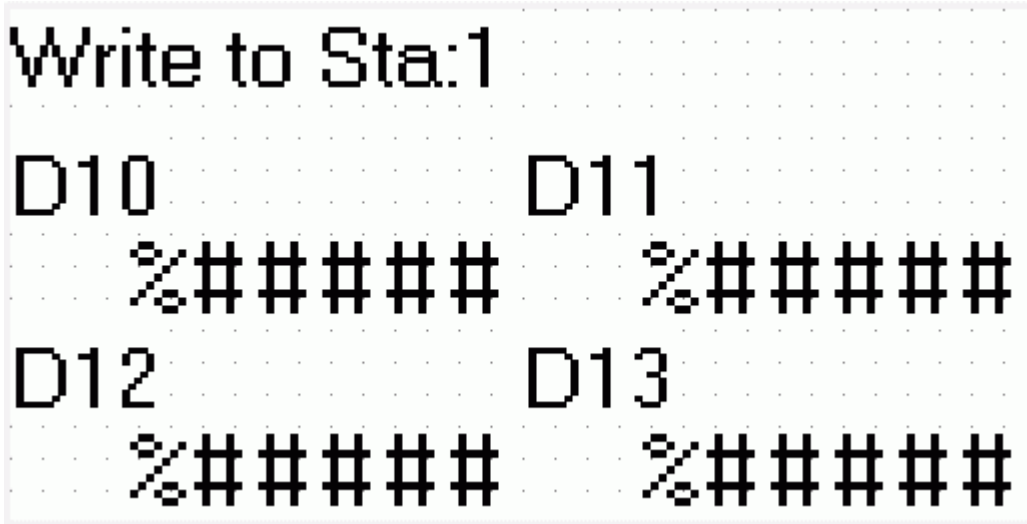
< Screen 1 of example >





This is HOME page. Press  +  once at HOME page, communication is started. Press it once again, communication is stopped.

Press , jump to Screen 2.

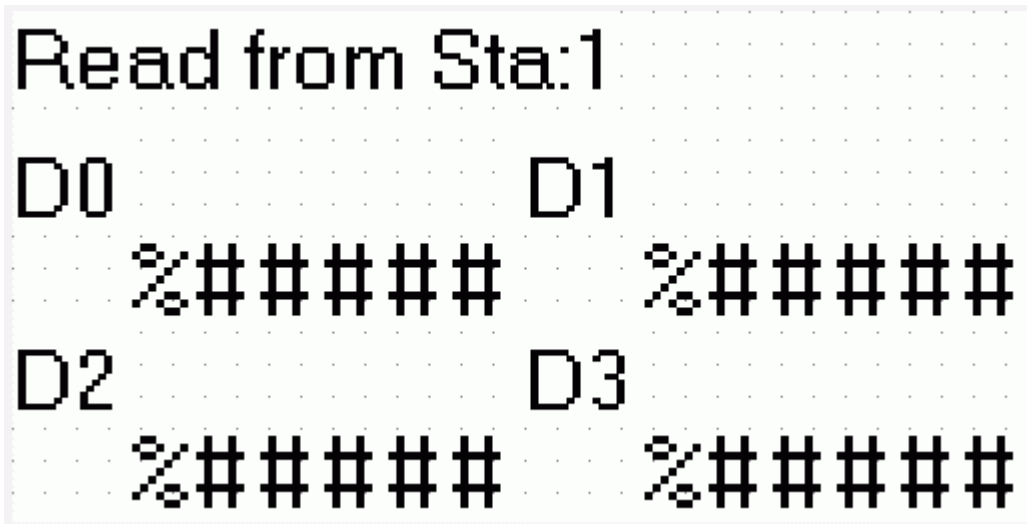
< Screen 2 of example >





There are four “Numeric Entry” components. Four values (changeable value) will be sent to D10~D13 of slave 1.

Press , jump to Screen 3. Press , back to HOME page.

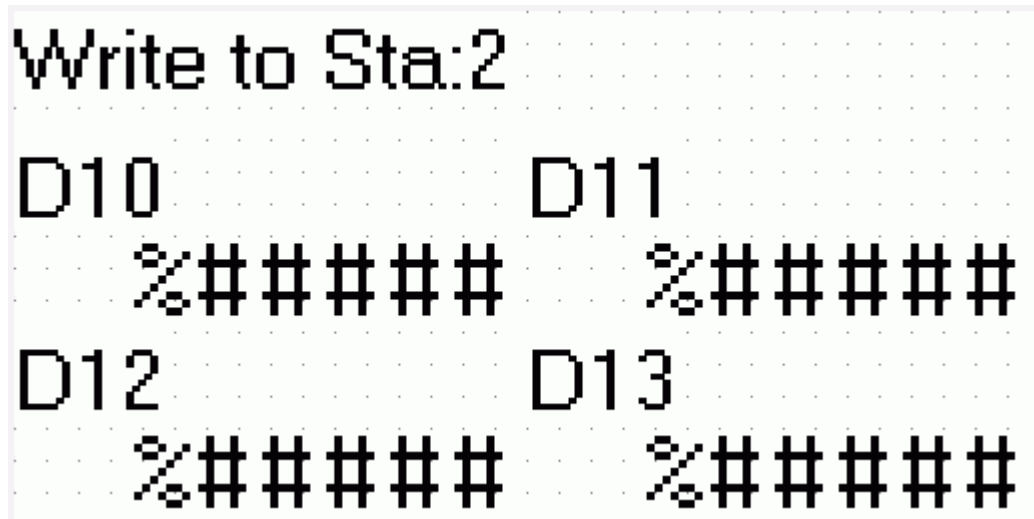
< Screen 3 of example >





There are four “Numeric Entry” components (input disable) to display value of D0~D3 of slave 1.

Press , jump to Screen 4. Press , jump to Screen 2.

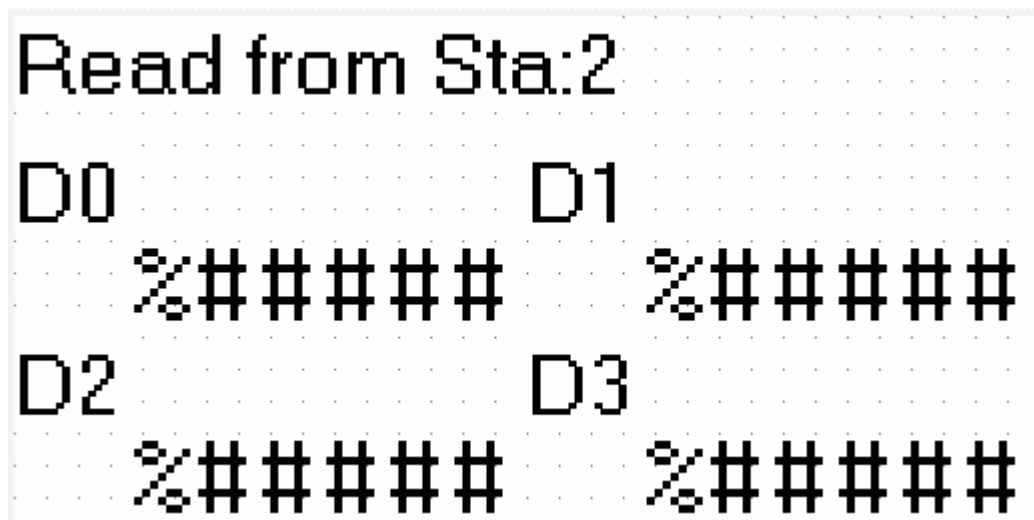
< Screen 4 of example >





There are four "Numeric Entry" components. Four values (changeable value) will be sent to D10~D13 of slave 2.

Press , jump to Screen 5. Press , jump to Screen 3.

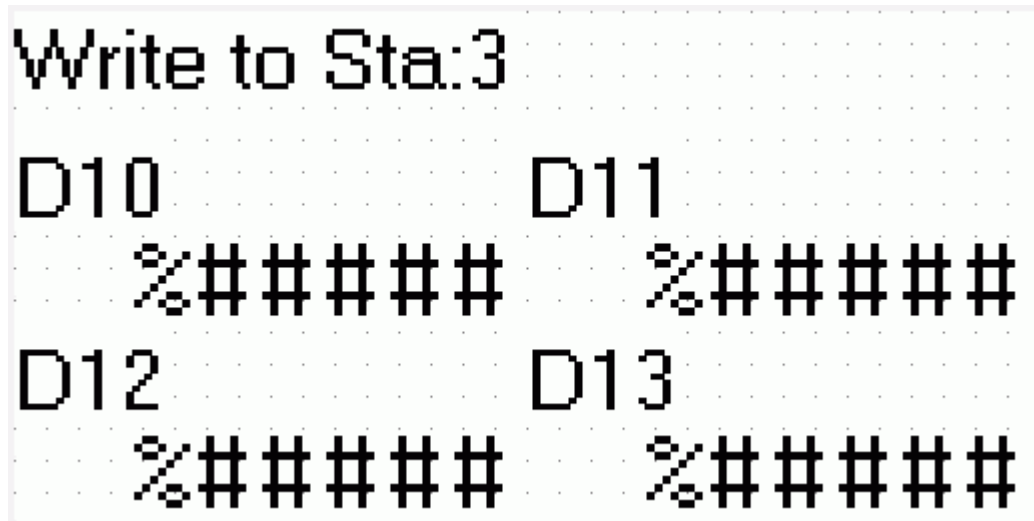
< Screen 5 of example >





There are four "Numeric Entry" components (input disable) to display value of D0~D3 of slave 2.

Press , jump to Screen 6. Press , jump to Screen 4.

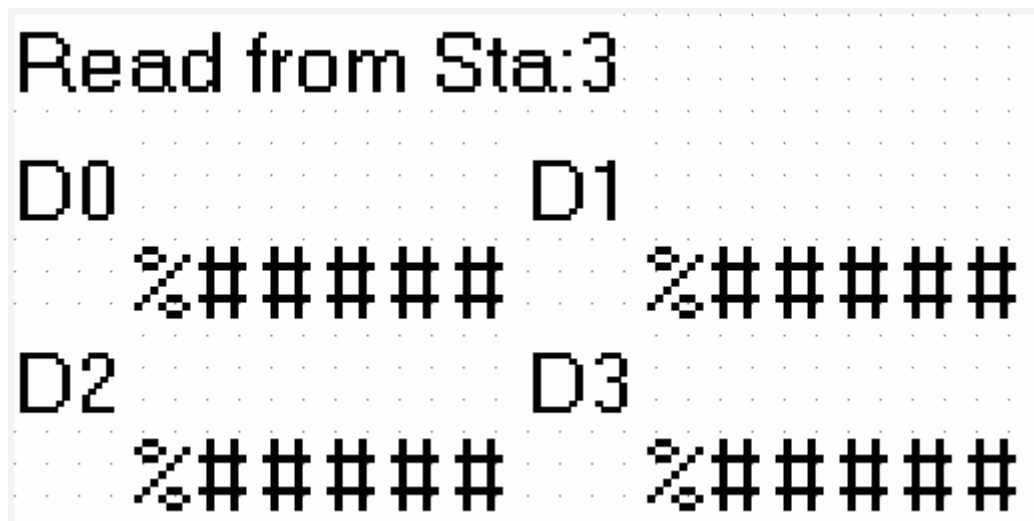
< Screen 6 of example >





There are four "Numeric Entry" components. Four values (changeable value) will be sent to D10~D13 of slave 3.

Press , jump to Screen 7. Press , jump to Screen 5.

< Screen 7 of example >



There are four "Numeric Entry" components (input disable) to display value of D0~D3 of slave 3.

Press , back to HOME page. Press , jump to Screen 6.