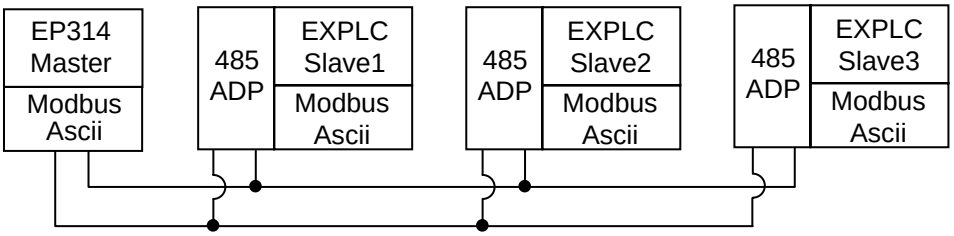
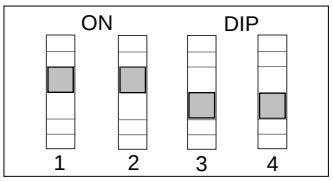
EPeditor : Link Control (HMI type: EP314) – Modbus Ascii mode – EXPLC as slave

EP314 is connected to three stations EXPLC.

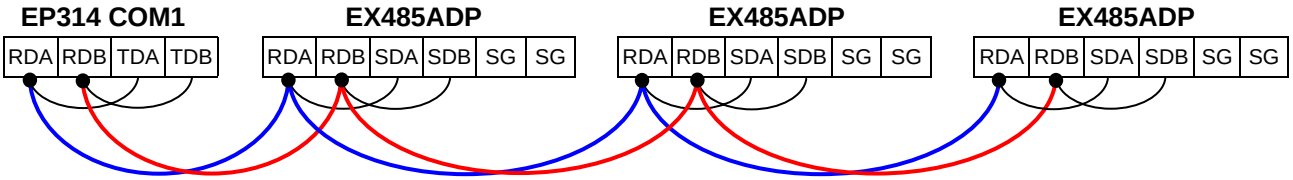
♦Configuration



Dip switch of EP314

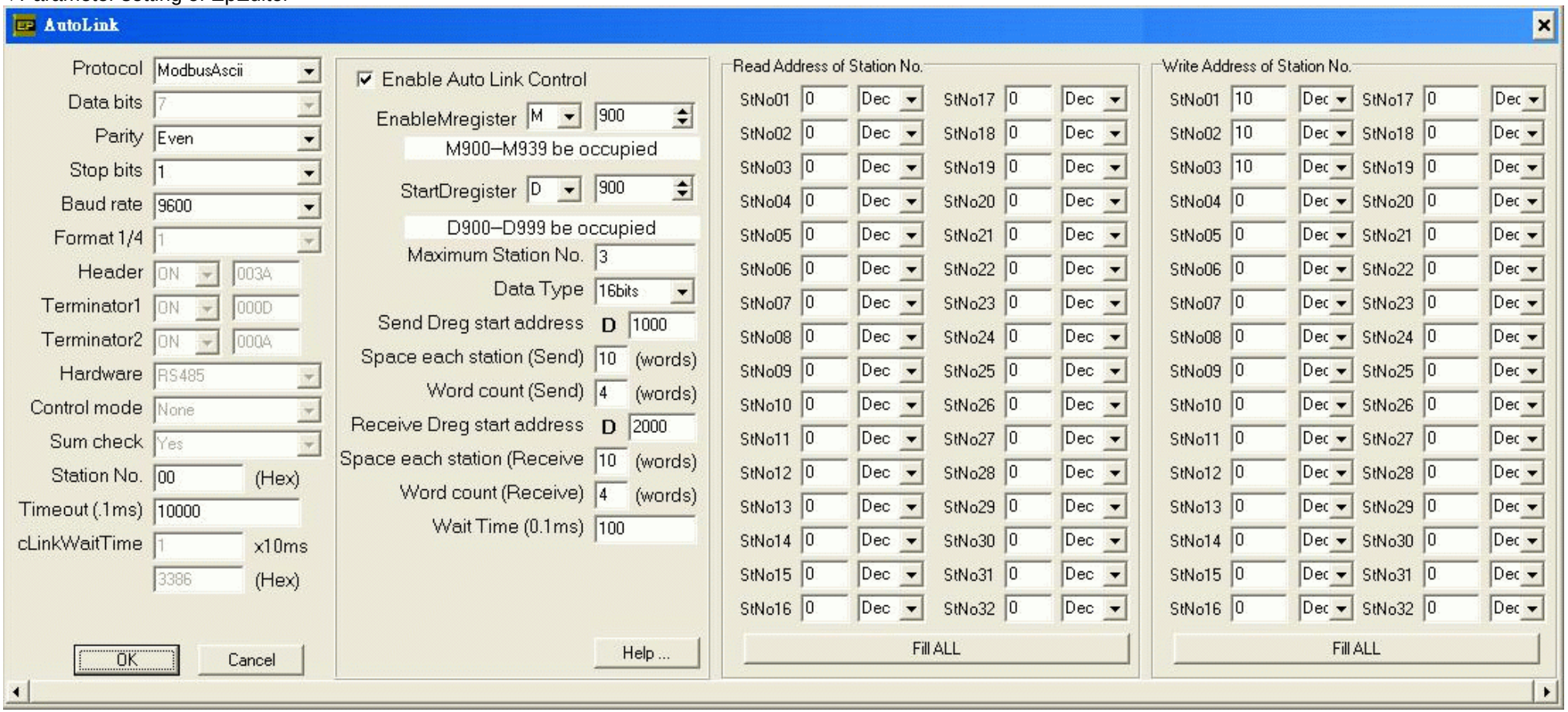


♦Wiring diagram



<Next Page>

♦Parameter setting of EpEditor



< 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

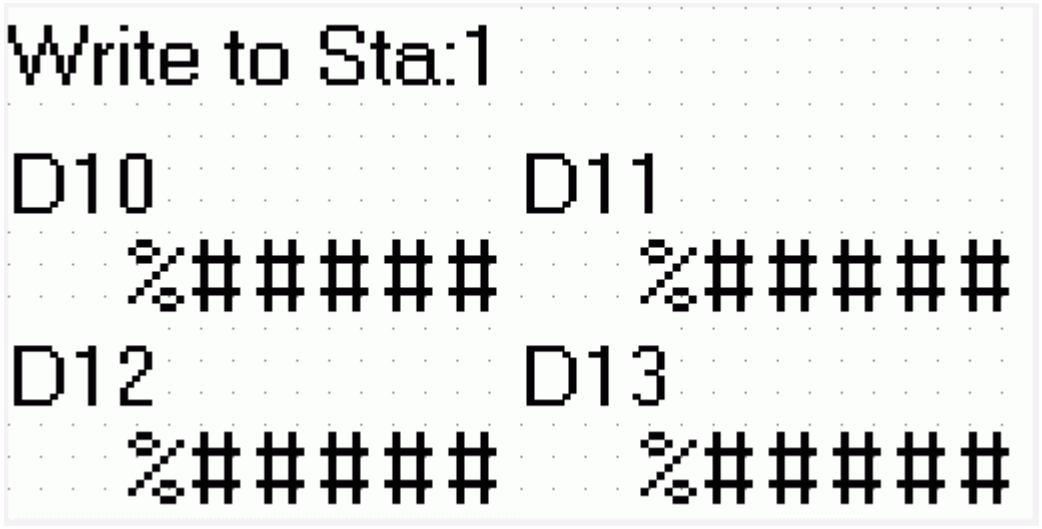
of slave 1 will be received and stored to D2000. BFM#0 is assigned by reading address of station no. 1.

< Screen 1 of example >

This is HOME page. Press SFT + F4 once at HOME page, communication is started. Press it once again, communication is stopped.

Press ↓, jump to Screen 2.

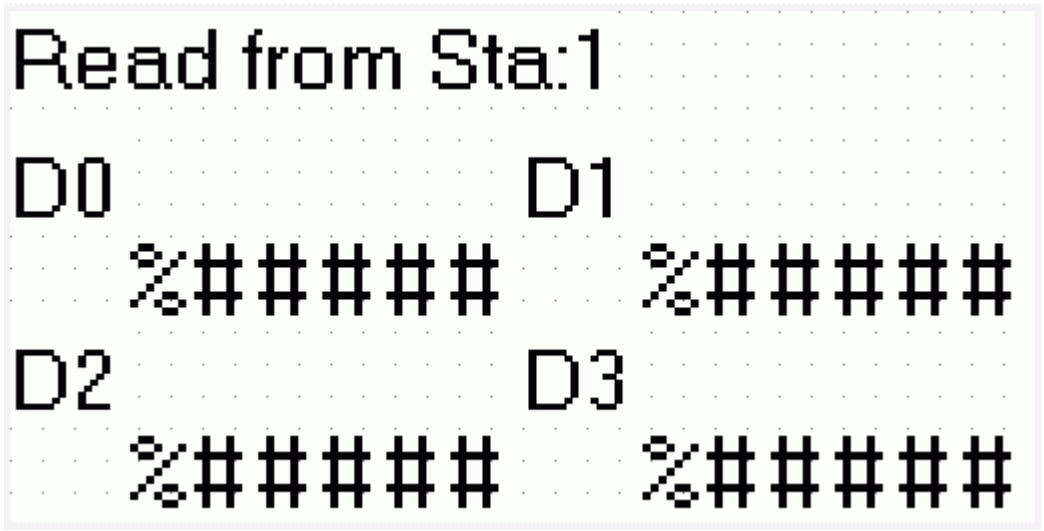
< Screen 2 of example >



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.

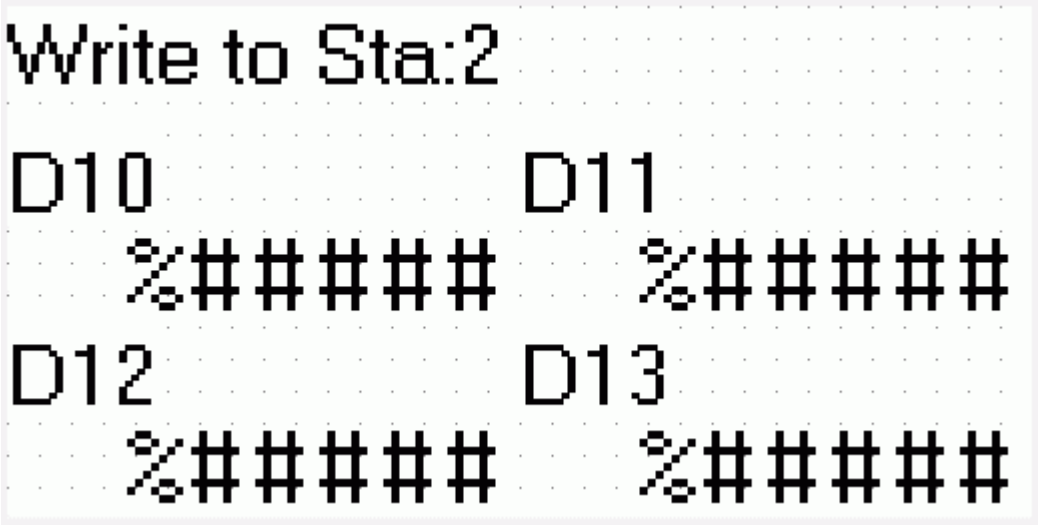
< Screen 3 of example >



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.

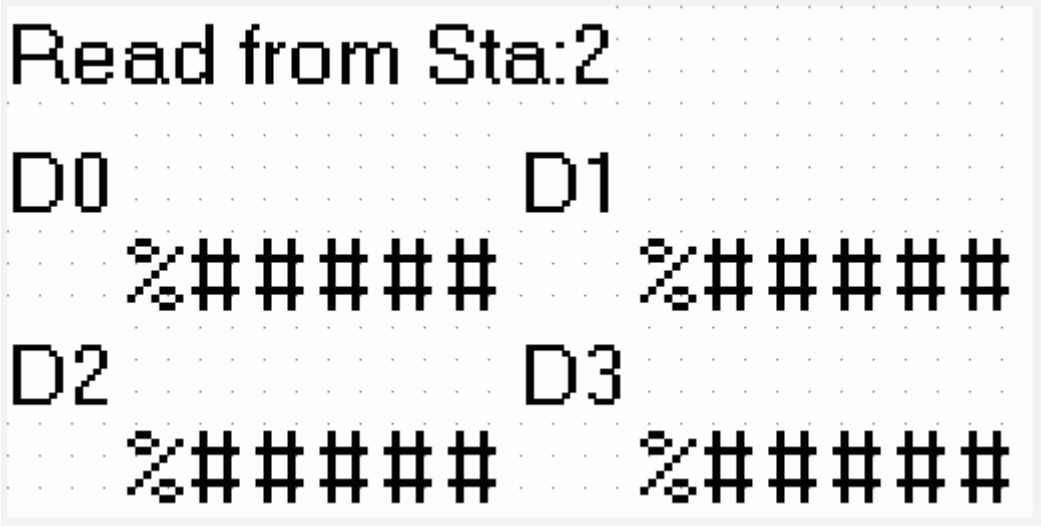
< Screen 4 of example >



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.

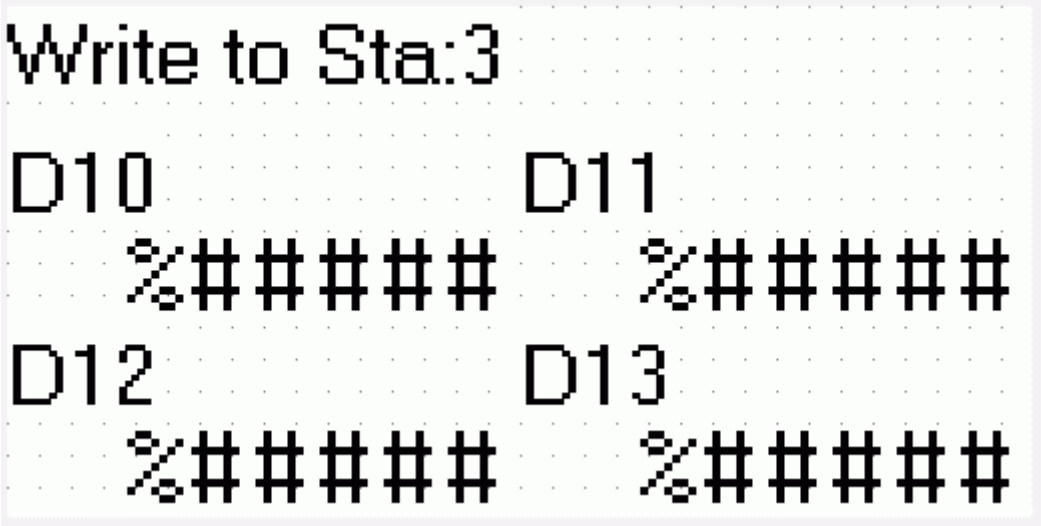
< Screen 5 of example >



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.

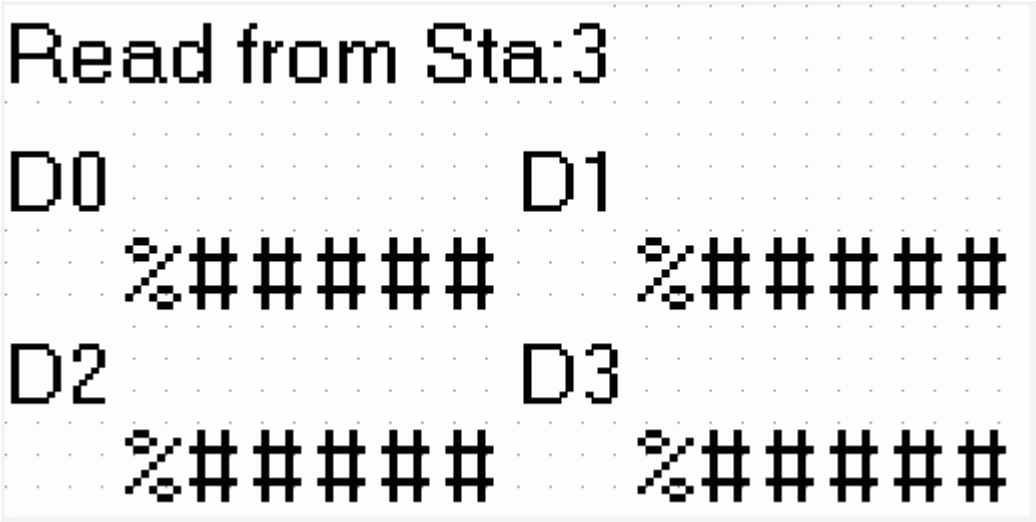
< Screen 6 of example >



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.