

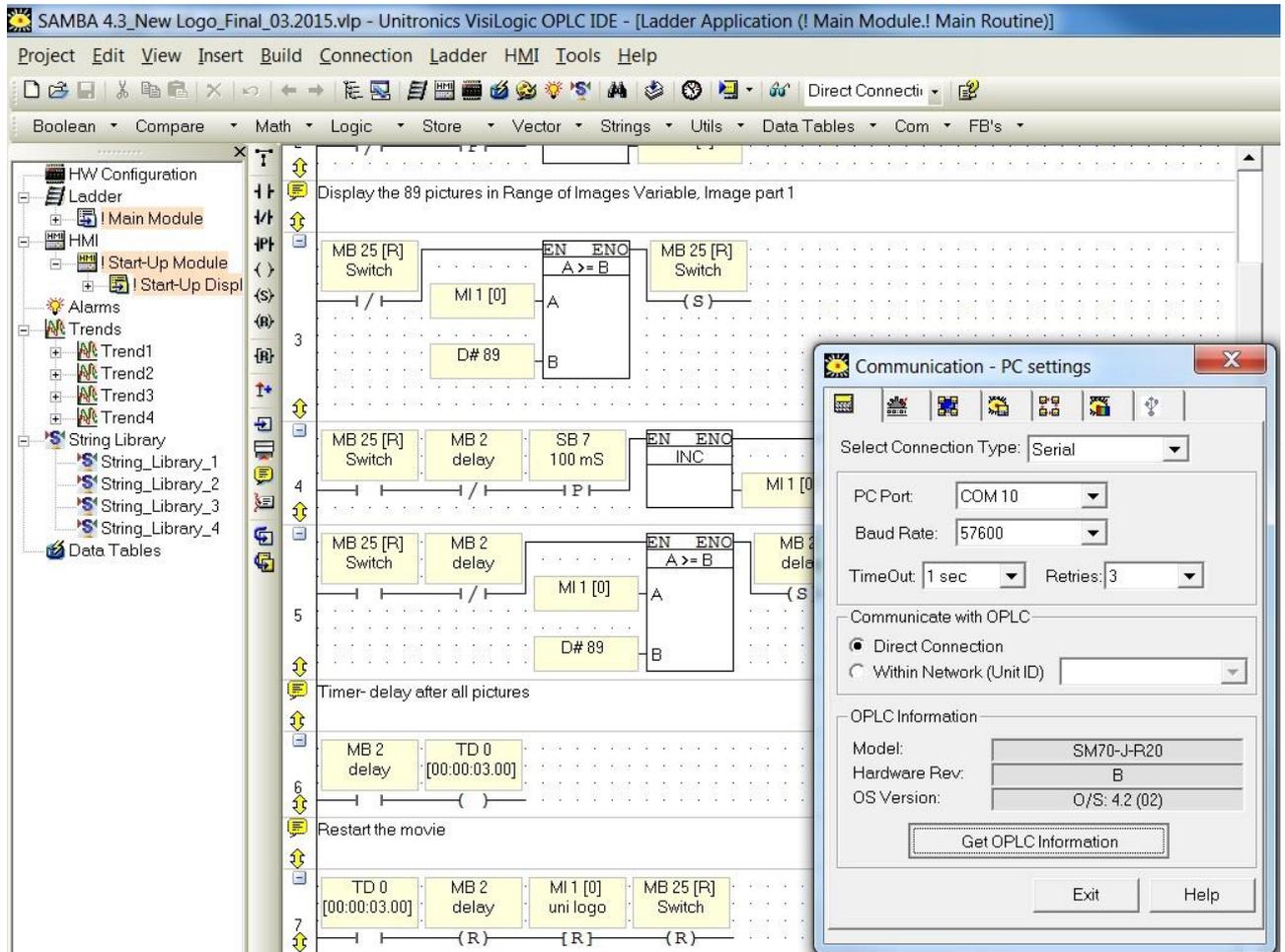
PLC control- Connect to new PLC and COM Port

Connect to New PLC & COM Port

The screenshot displays the Unitrronics VisiLogic OPLC IDE interface. The main window shows a ladder logic application with several rungs. Rung 3 contains a network with a normally open contact labeled 'MB 25 [R] Switch', a coil labeled 'MI 1 [0]', and a normally closed contact labeled 'MB 25 [R] Switch (S)'. Rung 4 contains a network with a normally open contact labeled 'MB 25 [R] Switch', a coil labeled 'MI 1 [0]', and a normally closed contact labeled 'MB 2 delay'. Rung 5 contains a network with a normally open contact labeled 'MB 25 [R] Switch', a coil labeled 'MI 1 [0]', and a normally closed contact labeled 'MB 2 delay'. Rung 6 contains a network with a coil labeled 'TD 0 [00:00:03.00]'. Rung 7 contains a network with a coil labeled 'TD 0 [00:00:03.00]', a normally open contact labeled 'MB 2 delay', a normally open contact labeled 'MI 1 [0] uni logo', and a normally open contact labeled 'MB 25 [R] Switch'. A dialog box titled 'Communication - PC settings' is overlaid on the right side of the screen. The dialog box has a 'Select Connection Type' dropdown menu set to 'Serial'. Below this, there are fields for 'PC Port' (set to 'COM 8'), 'Baud Rate' (set to 'COM 8'), and 'TimeOut' (set to '1 se'). There are also radio buttons for 'Communicate' (set to 'Direct Conn') and 'Within Network (OPND)'. At the bottom of the dialog box, there are fields for 'OPLC Information' (Model, Hardware Rev., OS Version) and a 'Get OPLC Information' button. There are also 'Exit' and 'Help' buttons at the bottom right of the dialog box.

1. Connect your new PLC via USB, if this is a Samba and the first time you have connected this PLC the a new driver will be installed and it will be assigned to a new COM port incrementally higher than the last (i.e. if the last was Com 7 the new PLC will communicate over COM 8.)
2. Open the 'Communication' tab (Ctrl+F9)
3. In the 'PC Port' dropdown menu select the appropriate COM port assigned when driver was installed

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4. You can check that the PLC and PC are communicating by clicking 'Get OPLC Information'. If there is a connection then the 3 OPLC Information field will be populated with information about your PLC.

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