<table>
<thead>
<tr>
<th>Items Supplied</th>
<th>Tools Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Network Adaptor</td>
<td>- Hobby Knife</td>
</tr>
<tr>
<td>- 6 Pin Cable</td>
<td>- Small Screwdriver</td>
</tr>
<tr>
<td>- Terminal Resistor Blocks (x2)</td>
<td>- Long Nose Pliers</td>
</tr>
<tr>
<td>- Serial Number Label</td>
<td>- Wire Strippers</td>
</tr>
</tbody>
</table>

See circuit diagram over page for positioning

```
XX/XX/XX
XXXXXXXX
```

Please refer to the Keypad installation instructions and the Keypad user guide for further information.

1. Important: Network Adaptor must be installed internally, e.g. in a wall or roof cavity

   ![Diagram](image1)
   
   Dip Switches
   Ensure that dip switches are all in the down or off position as shown. This is the default position.

2. Cut down both the vertical lines and snap out the tab.

   ![Diagram](image2)

   Insert 6 pin connector

3. Wire as per diagram over page

   ![Diagram](image3)

   Network and Power
   Rain Sensor or Wall Switch
WALL SWITCH CIRCUIT DIAGRAM (Note: for Keypad Circuit Diagram see Keypad fitting instructions)

1. A maximum of 30 Actuators per network.
2. A maximum of 4 Network Adaptors per network.
3. A maximum of 32 positions can be assigned to one network, each Actuator, and Network Adaptor counts as a position, eg. 30 Actuators and 2 Network Adaptors can be placed on one network.
4. The network cable must be a twisted pair cable. One twisted pair for the network circuit and the other for the 24VDC power circuit.
5. Maximum network length 300m.

GENERAL NOTES:

1. A maximum of 30 Actuators per network. 2. A maximum of 4 Network Adaptors per network. 3. A maximum of 32 positions can be assigned to one network, each Actuator, and Network Adaptor counts as a position, eg. 30 Actuators and 2 Network Adaptors can be placed on one network. 4. The network cable must be a twisted pair cable. One twisted pair for the network circuit and the other for the 24VDC power circuit. 5. Maximum network length 300m.

WALL SWITCH
Normally open bell press switches are recommended; eg. momentary and non latching.
HPM Part # 770XM
PDL Part # 681M20P
CLIPSAL Part # 30MBPR

WHITE
GREEN
BROWN
BLUE

SYNCHRONISATION CABLE CONNECTIONS:
Each Actuator can have a synchronisation unit attached. The synchronisation unit is not connected to the network and therefore will not take up a position on the network.

NETWORK ADAPTOR:
Can be placed anywhere on the network.
Note: Dip switches do not require adjusting for use with a Wall Switch or a Rain Sensor. They must all be in the left hand position as shown. Max current 100mA.

RAIN SENSOR:
When activated all windows will close. Rain Sensor can be overridden when wet, it will reset once dried. Max current 250mA.

NETWORK ADAPTOR:
Can be placed anywhere on the network when used with a Rain Sensor.

Note:
A 120 Ohm terminal resistor must be placed at each end of the network.