Elevation Window Control System
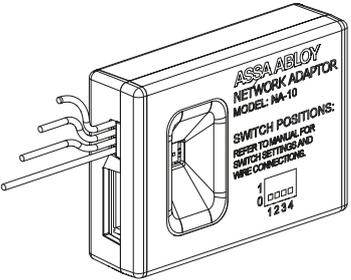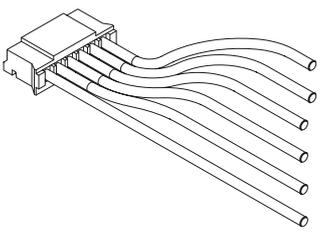## Network Adaptor Installation Instructions

INTERLOCK™

ASSA ABLOY

Items Supplied	Tools Required
● Network Adaptor	● Hobby Knife
● 6 Pin Cable	● Small Screwdriver
● Terminal Resistor Blocks (x2)	● Long Nose Pliers
● Serial Number Label	● Wire Strippers

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.

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

ASSA ABLOY
NETWORK ADAPTOR
MODEL: NA-10

SWITCH POSITIONS:
REFER TO MANUAL FOR SWITCH SETTINGS AND WIRE CONNECTIONS.

1
0
1 2 3 4

100mm
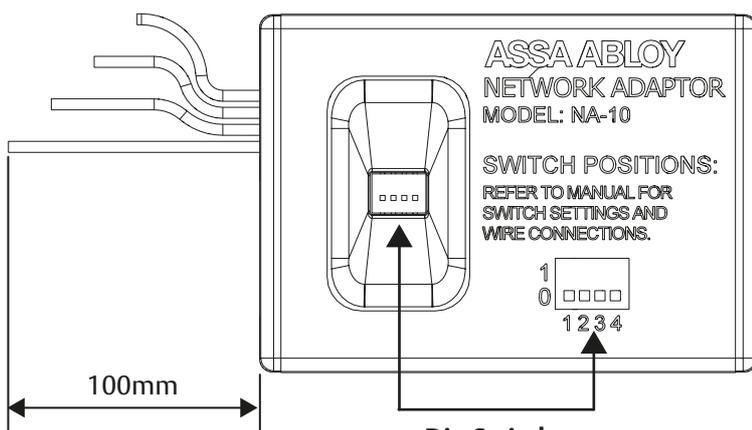
Dip Switches
Ensure that dip switches are all in the down or off position as shown. This is the default position.

2

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

Insert 6 pin connector

3   **Wire as per diagram over page**

Network and Power

Rain Sensor or Wall Switch

Q50074 0913

WALL SWITCH CIRCUIT DIAGRAM (Note: for Keypad Circuit Diagram see Keypad fitting instructions)

24 VDC 1 AMP

+VDC
-VDC

Control Loom network dropper line. 2m max.

24 VDC 1 AMP

+VDC
-VDC

24 VDC 1 AMP

+VDC
-VDC

24 VDC 1 AMP

+VDC
-VDC

1m min from last junction.

NSW1
NSW2
+VDC
-VDC

1m min

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

NSW2 - BROWN
NSW1 - WHITE
-VDC - BLACK
+VDC - RED

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.

24 VDC 1 AMP

WHITE
GREEN
BROWN
BLUE

Network dropper line 2m max.

NSW2 - BROWN
NSW1 - WHITE
-VDC - BLACK
+VDC - RED

WHITE
GREEN
BROWN
BLUE
RED
BLACK

Network dropper line 2m max.

CLOSE
COM
NO
NC

OPEN
COM
NO
NC

SWITCH POSITION
MODEL:
PART:
REFER TO MANUAL
SWITCH SETTINGS AND WIRE CONNECTIONS.

0
1
1 2 3 4

RAIN SENSOR
DO NOT COVER

30m Max

30m Max

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

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.

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.

KEY:

NSW1 = Network Signal Wire 1.
NSW2 = Network Signal Wire 2.
NO = Normally Open contact.
NC = Normally Closed contact.
COM = Common contact.

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PLEASE RECYCLE THIS PACKAGING

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