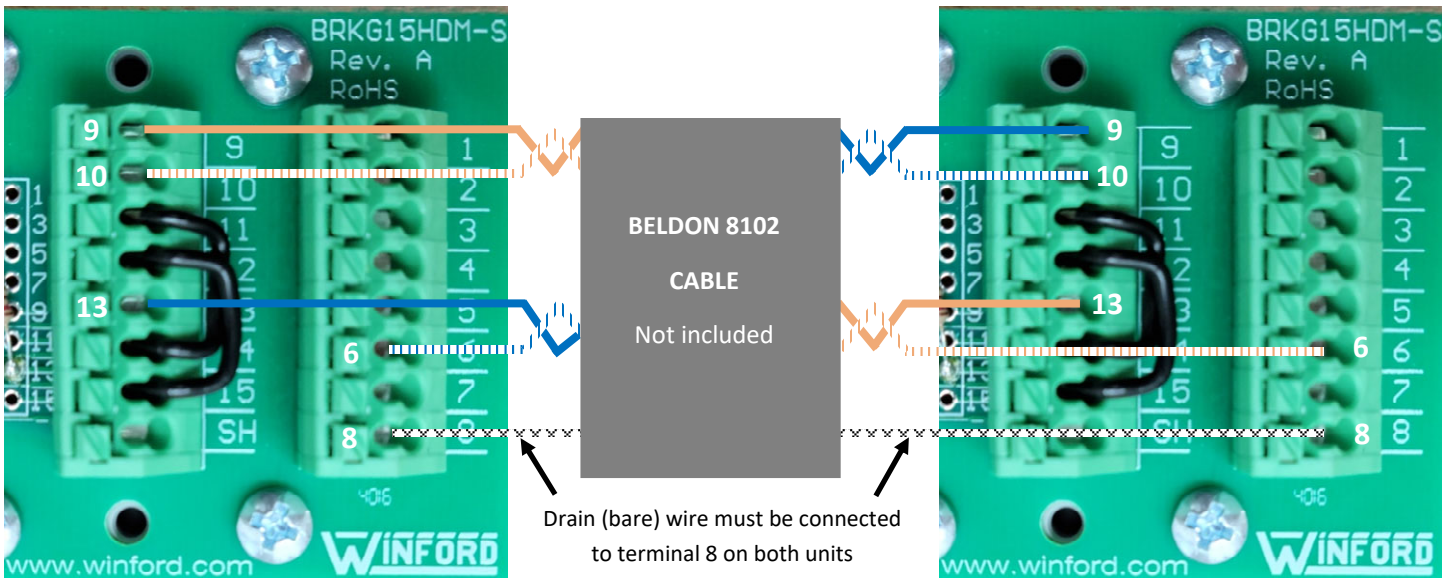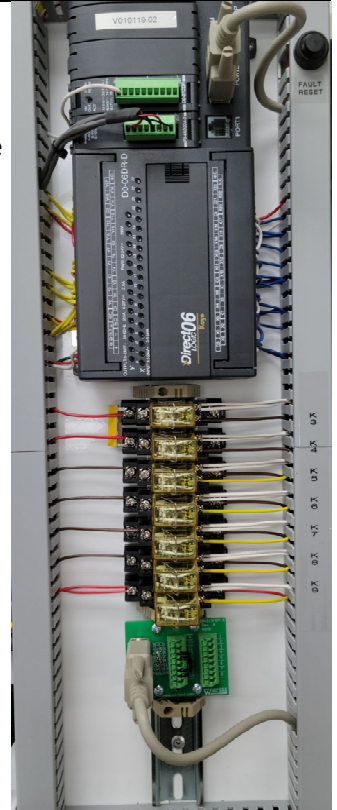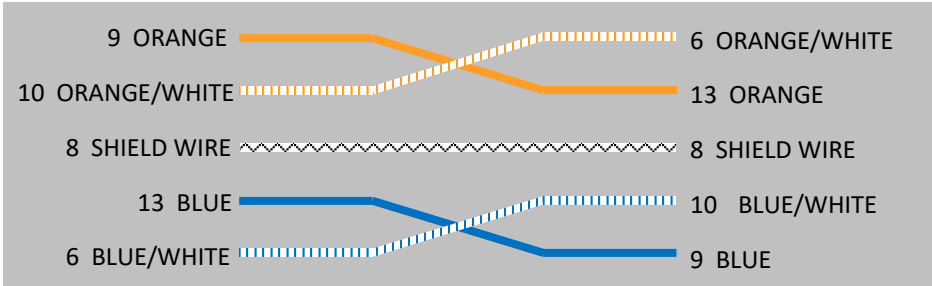# V DUAL

The Dual Kit consists of (2) interface modules and (2) internal cables.

Both gates are connected together using **Beldon 8102 or equivalent to be supplied by the installer**.

The cable should be run in buried conduit from controller to controller. This cable is a low capacitance communications cable and should only be substituted *(if necessary)* with cable that has equivalent capacitance specifications.

MASTER	SLAVE
Interface Module	**Interface Module**

9 ORANGE ————————— 6 ORANGE/WHITE
10 ORANGE/WHITE ————————— 13 ORANGE
8 SHIELD WIRE ~~~~~~~~~~~ 8 SHIELD WIRE
13 BLUE ————————— 10 BLUE/WHITE
6 BLUE/WHITE ————————— 9 BLUE

BELDON 8102

CABLE

Not included

Drain (bare) wire must be connected to terminal 8 on both units

Note: ORANGE & ORANGE /WHITE and BLUE & BLUE/WHITE must be a twisted pair. If in doubt ohm out pairs or use a tone sniffer.

Connect the included data cable from the PLC to the interface module on both operators.

Using the programmer go to   **SYSTEM**

Set the master side to **DUAL/MASTER** & the slave side to **DUAL/SLAVE** with the programmer

- **The AUTO CLOSE timer must be ENABLED on both gates. The MASTER (primary) determines the close time.**

- **Use FREE EXIT TB2 –9 & -10 to test dual operation.**

- **The programmer will operate only the gate it is connected to.**

A latch time of 1 second minimum is required to active both gates.