

G-ULTRA WIRING DIAGRAMS



G-ULTRA



1. Wiring a G-ULTRA into a D-Series Controller



Possible Activations

- Trigger Open
- Pedestrian Open
- Free Exit / Keep Open
- Holiday Lock

Possible Notifications

- Gate Open / Closed
- Gate Opening / Closing
- Gate Standing Open
- Mains Failure
- Battery Low
- Multiple Collisions

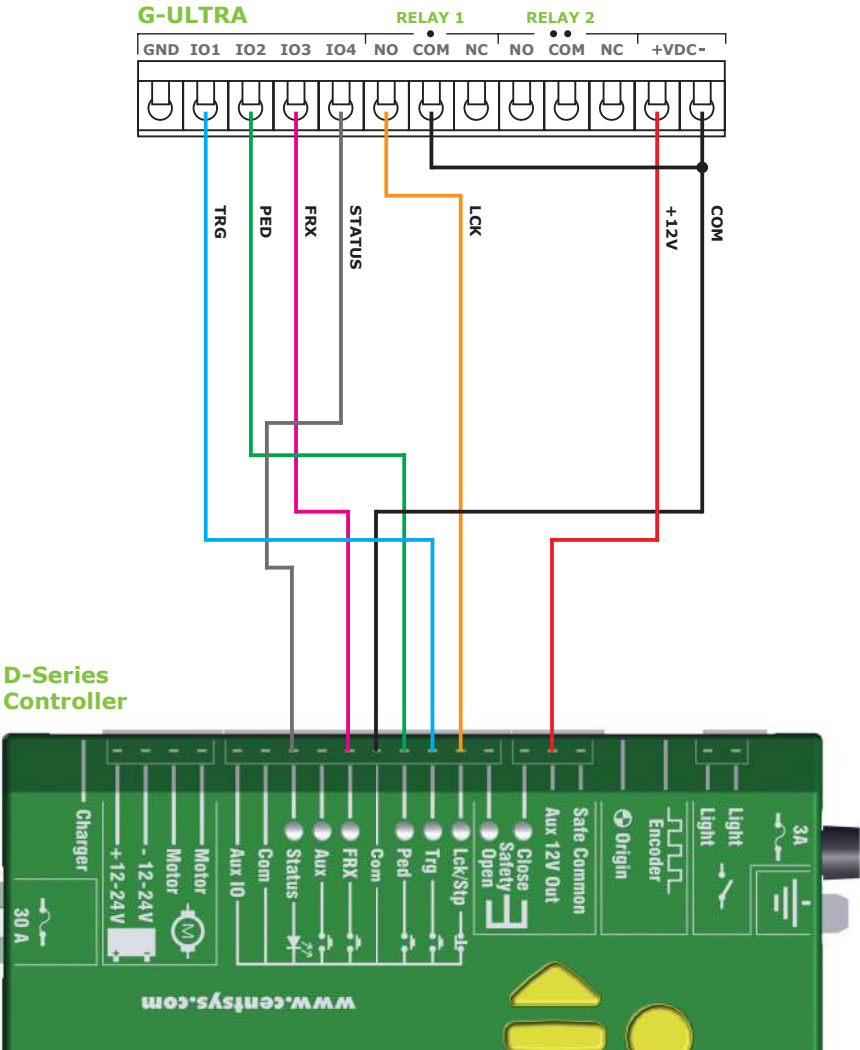


FIGURE 1

2. Wiring a G-ULTRA into an Electric Fence Controller

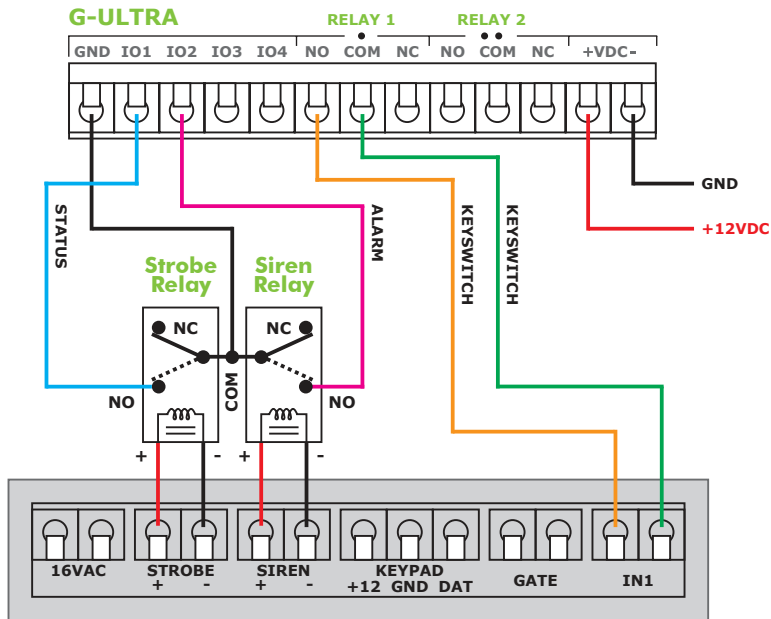


Possible Activations

- Arm / Disarm

Possible Notifications

- Arm Status
- Alarm Notifications



Electric Fence control board

To program the Strobe to Status:

JVA Keypad, Press:

1. "INSTALLER PIN"*0#
2. 2202#
3. *#

Nemtek Keypad, Press:

1. "INSTALLER PIN"*0#
2. 101# **OR** 0011# (Model Dependant)
3. *#



- The Status and alarm inputs must have three seconds filter time configured on the G-ULTRA
- The strobe output on the energiser needs to be programmed for the armed status notification to be sent via the G-ULTRA
- Using "IN1" via the G-ULTRA will bypass the key-switch function on the energiser

FIGURE 2

3. Wiring a G-ULTRA into an Alarm System

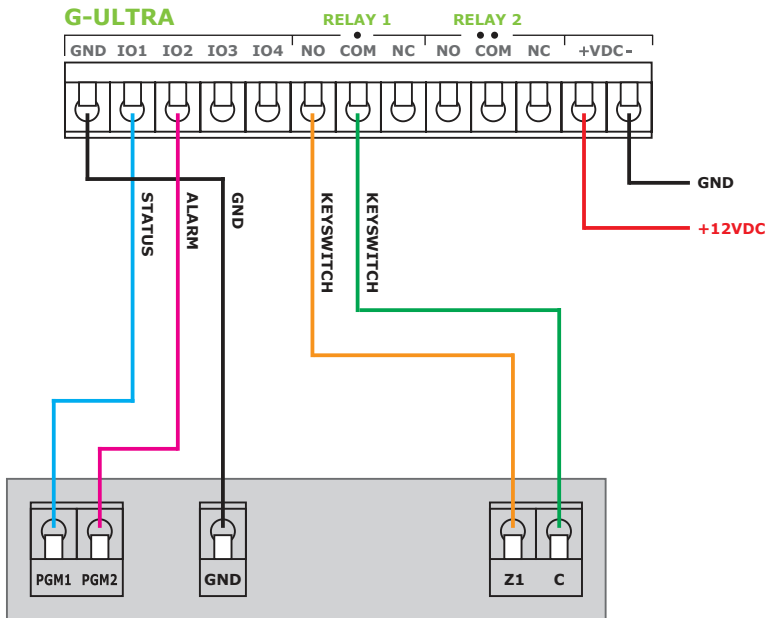


Possible Activations

- Arm / Disarm

Possible Notifications

- Arm Status
- Intruder / Siren



Alarm Panel

Alarm programming:

- PGM1: Armed Status
PGM2: Siren Follow
Z1: Keyswitch Latched Arm / Disarm



The Alarm Panel PGMs must activate to "GND". However, if the Alarm Panel only supports positive activations, then relays must be used between the Alarm Panel and the G-ULTRA to change the activation to "GND".

FIGURE 3

4. Wiring a G-ULTRA into a D-Series Controller via a WiZo



Possible Activations

- Trigger Open

Possible Notifications

- Gate Open / Closed
- Gate Opening / Closing
- Gate Standing Open
- Mains Failure
- Battery Low
- Multiple Collisions

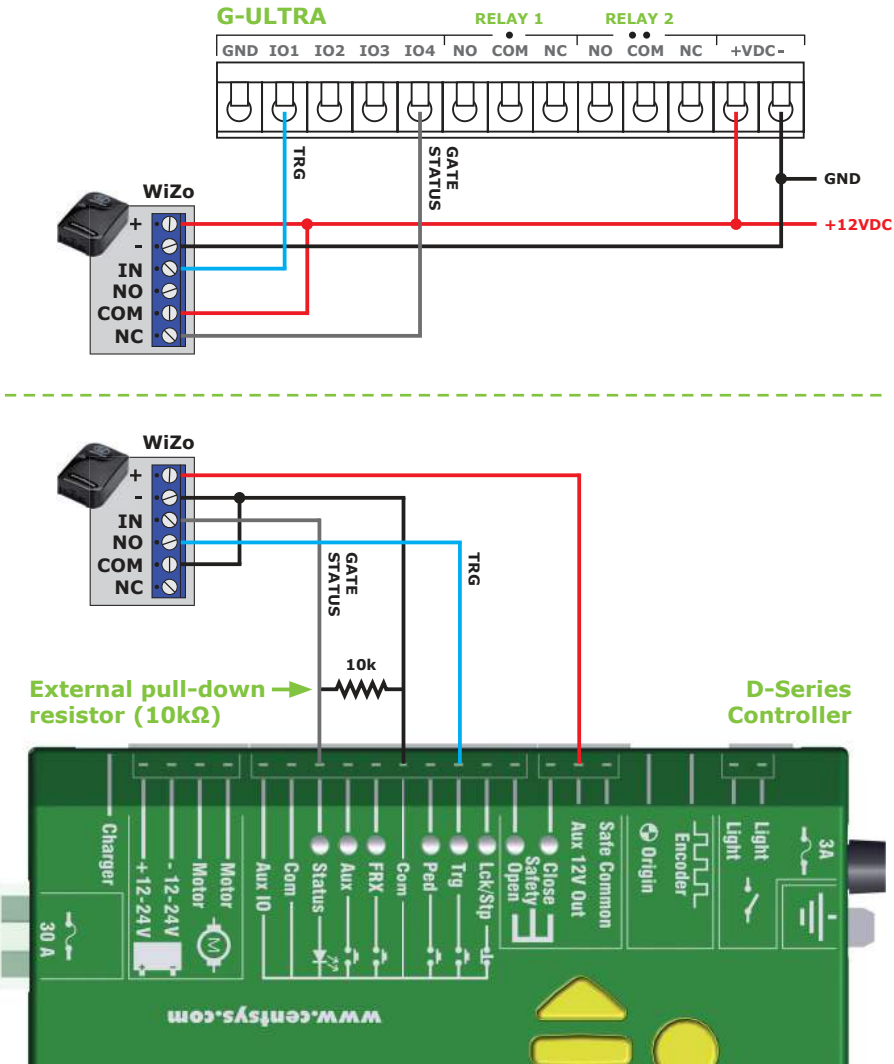


FIGURE 4

5. Wiring a G-ULTRA into an Electric Fence Controller via WiZos

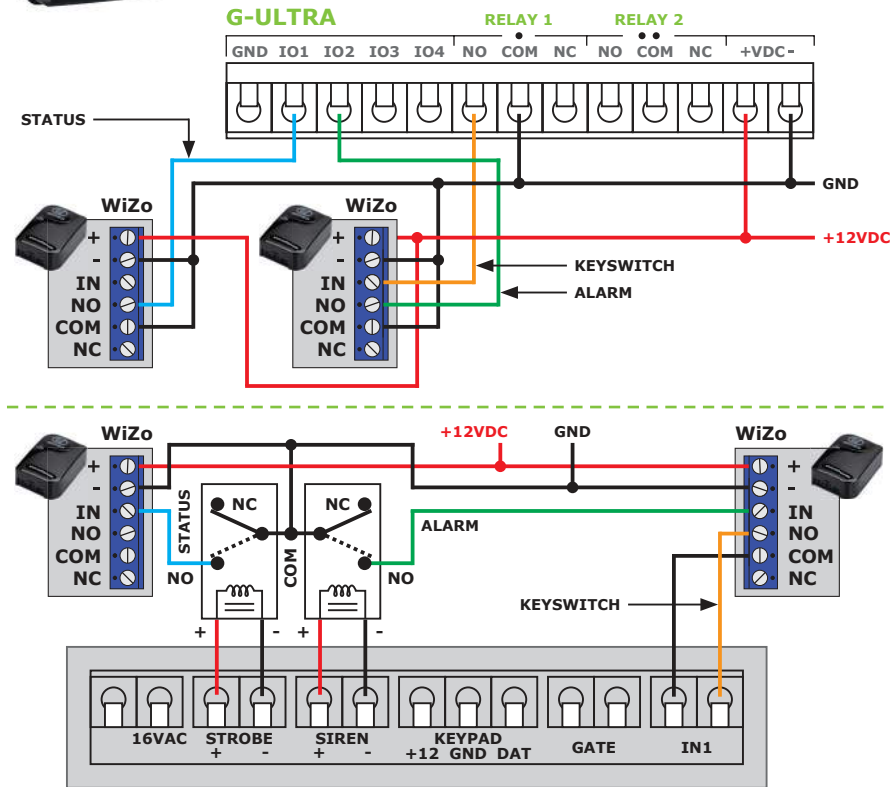


Possible Activations

- Arm / Disarm

Possible Notifications

- Arm Status
- Alarm Notifications



Electric Fence control board

To program the Strobe to Status:

JVA Keypad, Press:

1. "INSTALLER PIN"*0#
2. 2202#
3. *#

Nemtek Keypad, Press:

1. "INSTALLER PIN"*0#
2. 101# **OR** 0011# (Model Dependant)
3. *#



- The Status and alarm inputs must have three seconds filter time configured on the G-ULTRA
- The strobe output on the energiser needs to be programmed for the armed status notification to be sent via the G-ULTRA
- Using "IN1" via the G-ULTRA will bypass the key-switch function on the energiser

FIGURE 5

6. Wiring a G-ULTRA into an Alarm System via WiZos

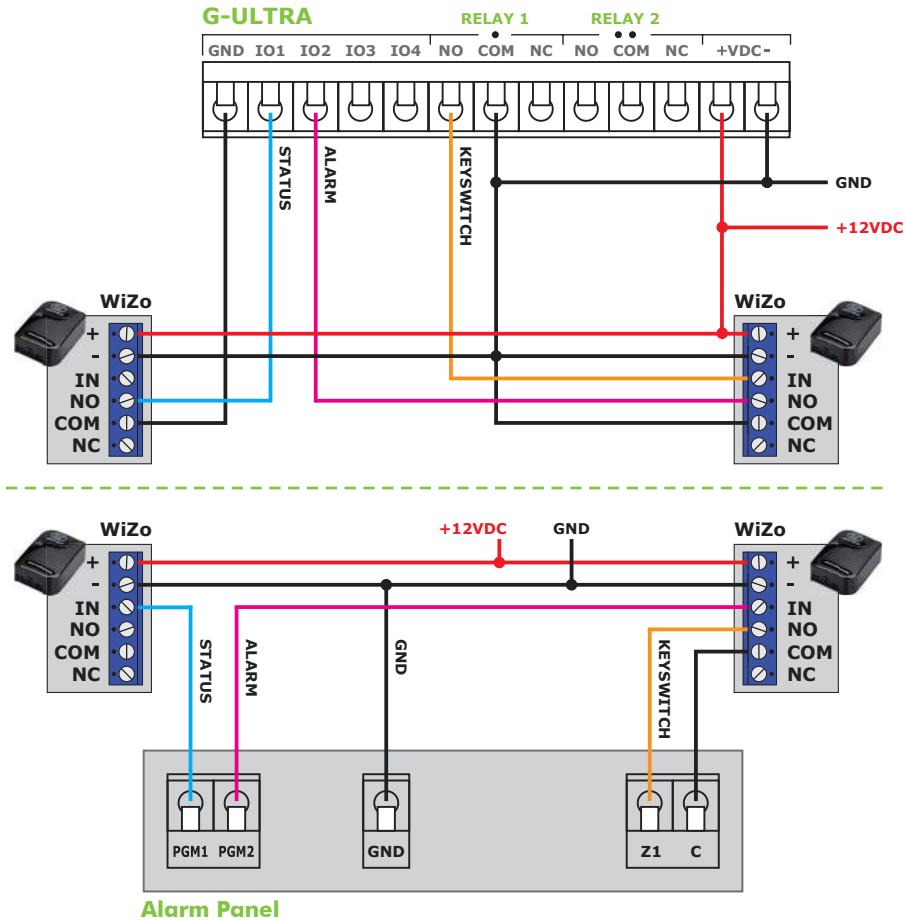


Possible Activations

- Arm / Disarm

Possible Notifications

- Arm Status
- Intruder / Siren



Alarm programming:

- PGM1: Armed Status
- PGM2: Siren Follow
- Z1: Keyswitch Latched Arm / Disarm



The Alarm Panel PGMs must activate to "GND". However, if the Alarm Panel only supports positive activations, then relays must be used between the Alarm Panel and the G-ULTRA to change the activation to "GND".

FIGURE 6