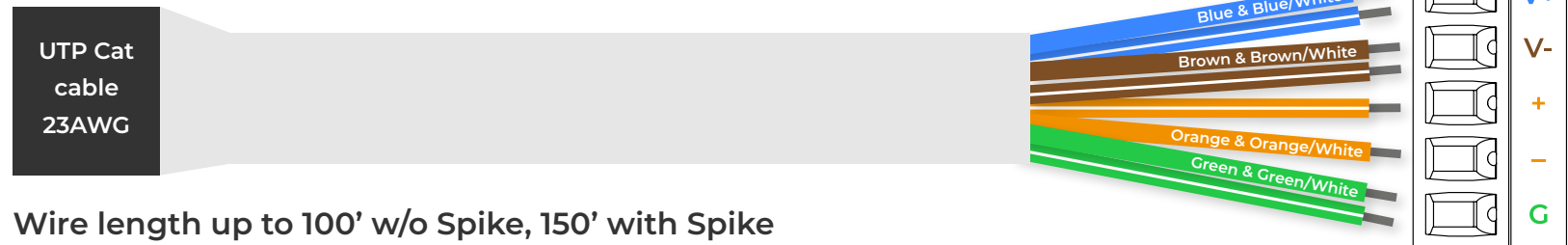


Wire Topologies



Q-Motion

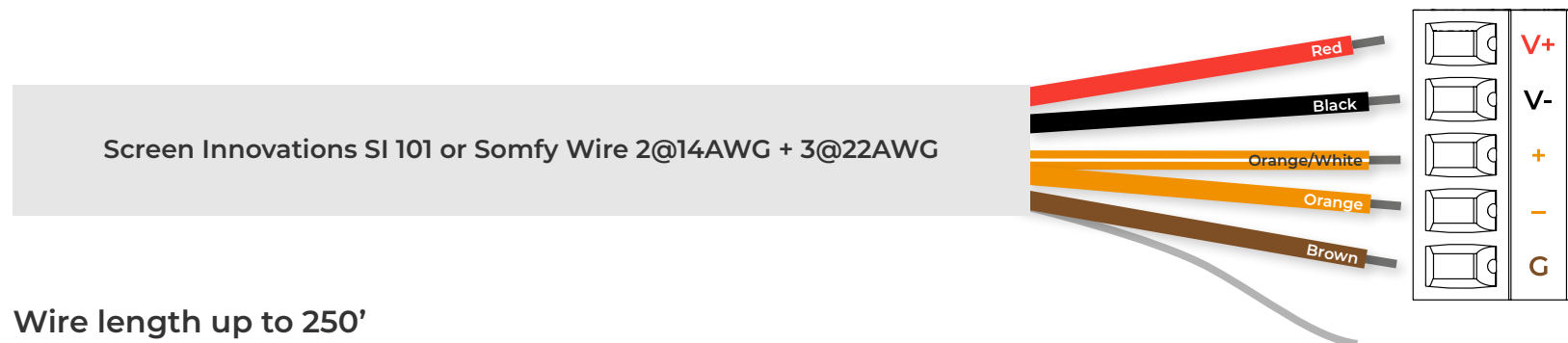
Wire between Janus terminal block face and the 275 motor



Wire length up to 100' w/o Spike, 150' with Spike

The majority of standard Category cable utilizes solid core conductors that can be crushed or broken by Terminal Block Connectors. The conductors should be tinned and given proper strain relief to help mitigate the risk of damage.

Somfy



Wire length up to 250'

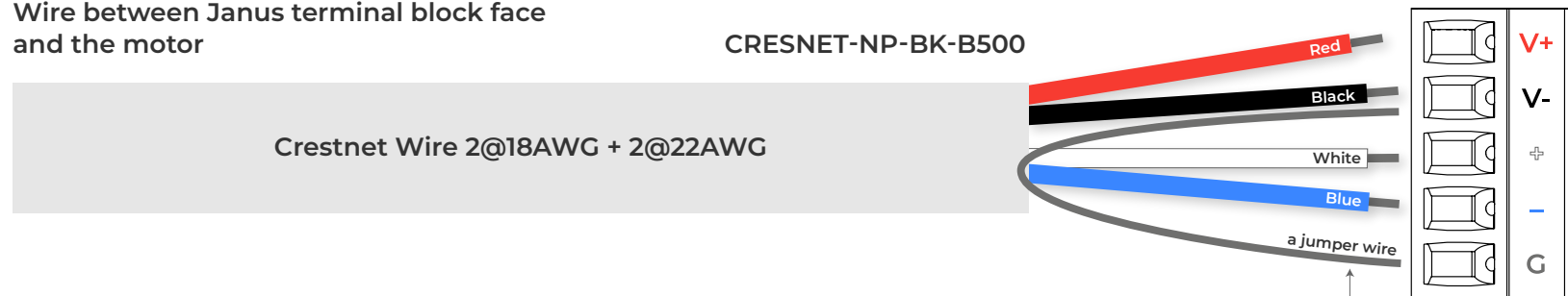
Do not connect Drain Wire

Wire Topologies



Crestron

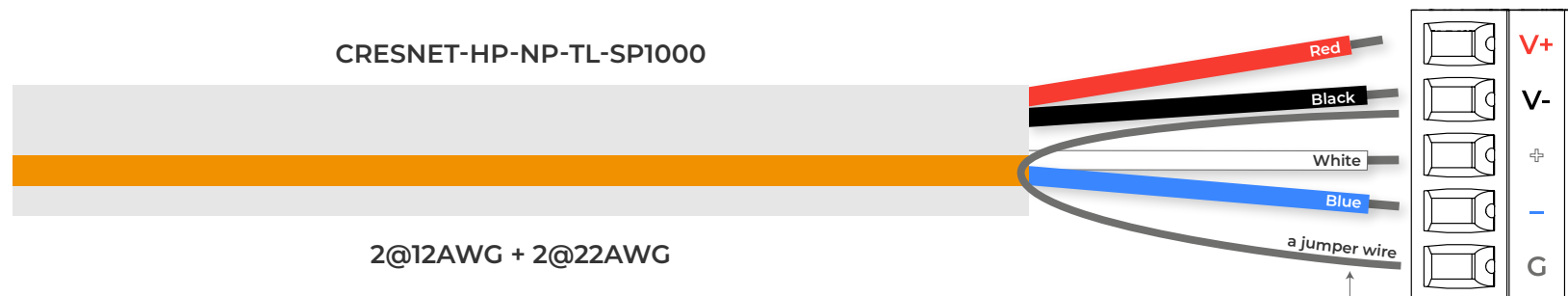
Wire between Janus terminal block face and the motor



Wire length up to 150'

Do not connect Drain Wire

Please connect a jumper wire between the V- with the G for this type of wire



Wire length up to 300'

Do not connect Drain Wire

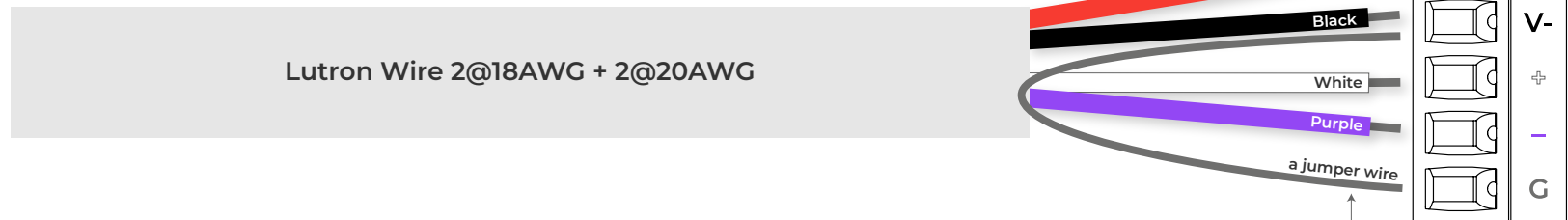
Please connect a jumper wire between the V- with the G for this type of wire

Wire Topologies



Lutron

Wire between Janus terminal block face and the motor



Wire length up to 150'

Do not connect Drain Wire

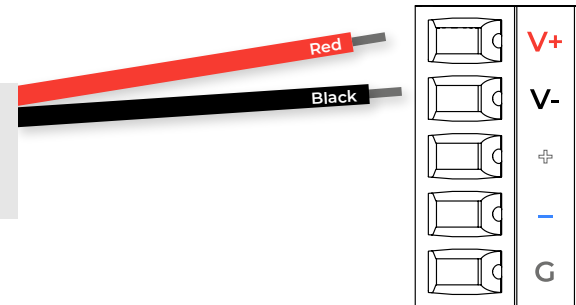
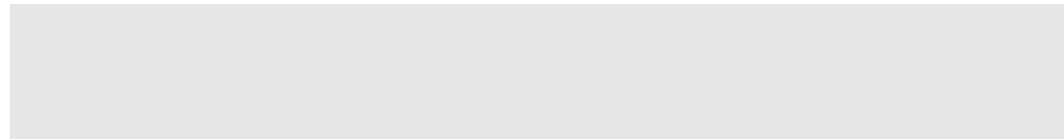
Please connect a jumper wire between the V- with the G for this type of wire

Wire Topologies



Fontus /Zigbee / RTS low-voltage

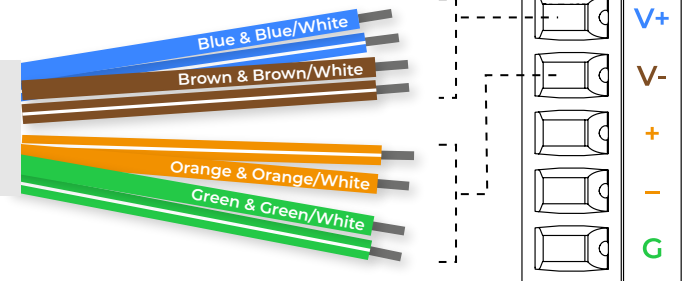
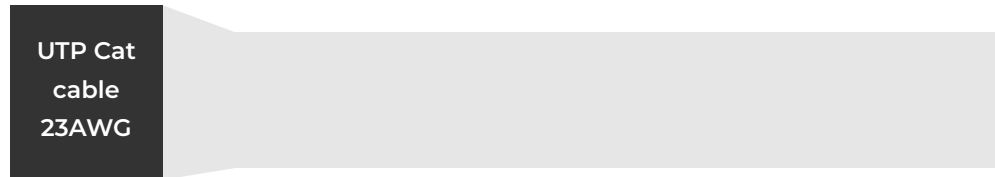
2 conductor wire between the Fontus Codexs



18 awg / 2 up to 150'

16 awg / 2 up to 175'

UTP wire between the Fontus Codexs and the 275 motor



Wire length up to 150'

The majority of standard Category cable utilizes solid core conductors that can be crushed or broken by Terminal Block Connectors. The conductors should be tinned and given proper strain relief to help mitigate the risk of damage.

Please refer to Fontus Installation Instructions for detailed wiring information.

Wire Topologies



275 only - Janus/Fontus /Zigbee / RTS low-voltage

AWG/Wire type	100'	150'	175'	200'	250'	300'
23 UTP Category cable (w/o Spike)	✓					
18 multi conductor cable (23 awg UTP cable - all 8 cond.)	✓	✓				
23 UTP Category cable (using Spike)	✓	✓	✓	✓	✓	✓
16 multi conductor cable	✓	✓	✓			
14 multi conductor cable	✓	✓	✓	✓	✓	
12* multi conductor cable	✓	✓	✓	✓	✓	✓

* Contact SI Design Services for help on large guage wire deployment.

Wire Topologies



375 - Janus/Fontus/RTS low-voltage

AWG/Wire type	100'	150'	200'	250'	300'
23 UTP Category cable (w/o Spike)	✓				
18 multi conductor cable (23 awg UTP cable - all 8 cond.)	✓	✓			
23 UTP Category cable (using Spike)	✓	✓			
16 multi conductor cable	✓	✓			
14 multi conductor cable	✓	✓	✓	✓	
12* multi conductor cable	✓	✓	✓	✓	✓

* Contact SI Design Services for help on large guage wire deployment.

All product names, trademarks and registered trademarks are property of their respective owners. All company, product and service names used in this document are for identification purposes only. Use of these names, trademarks and brands does not imply endorsement.