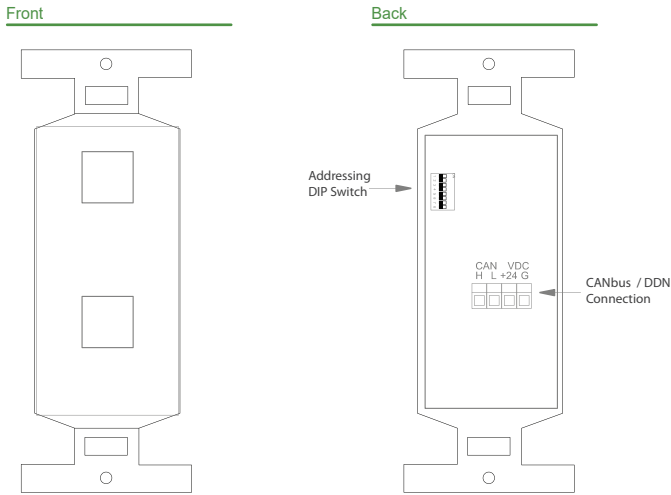


CTS Quick Reference

This document provides basic instructions for the Blue Ridge Technologies Capacitive Touch Stations (CTS).

Overview : Assembly

DIP Switch : Address Chart



Address	Switches "On"	Address	Switches "On"	Address	Switches "On"
1	1	21	1,3,5	41	1,4,6
2	2	22	2,3,5	42	2,4,6
3	1, 2	23	1,2,3,5	43	1,2,4,6
4	3	24	4,5	44	3,4,6
5	1,3	25	1,4,5	45	1,3,4,6
6	2,3	26	2,4,5	46	2,3,4,6
7	1,2,3	27	1,2,4,5	47	1,2,3,4,6
8	4	28	3,4,5	48	5,6
9	1,4	29	1,3,4,5	49	1,5,6
10	2,4	30	2,3,4,5	50	2,5,6
11	1,2,4	31	1,2,3,4,5	51	1,2,5,6
12	3,4	32	6	52	3,5,6
13	1,3,4	33	1,6	53	1,3,5,6
14	2,3,4	34	2,6	54	2,3,5,6
15	1,2,3,4	35	1,2,6	55	1,2,3,5,6
16	5	36	3,6	56	4,5,6
17	1,5	37	1,3,6	57	1,4,5,6
18	2,5	38	2,3,6	58	2,4,5,6
19	1,2,5	39	1,2,3,6	59	1,2,4,5,6
20	3,5	40	4,6	60	3,4,5,6

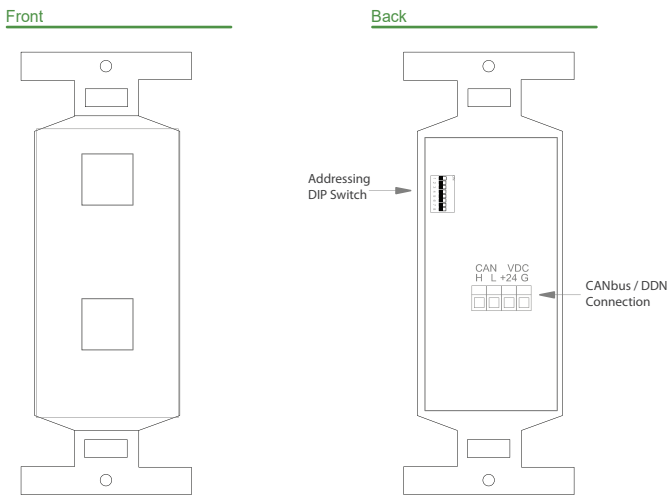
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CTS Quick Reference

This document provides basic instructions for the Blue Ridge Technologies Capacitive Touch Stations (CTS).

Overview : Assembly

DIP Switch : Address Chart

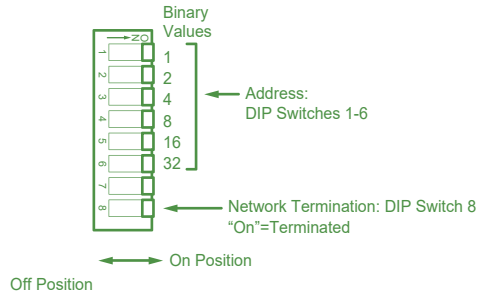


Address	Switches "On"	Address	Switches "On"	Address	Switches "On"
1	1	21	1,3,5	41	1,4,6
2	2	22	2,3,5	42	2,4,6
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13	1,3,4	33	1,6	53	1,3,5,6
14	2,3,4	34	2,6	54	2,3,5,6
15	1,2,3,4	35	1,2,6	55	1,2,3,5,6
16	5	36	3,6	56	4,5,6
17	1,5	37	1,3,6	57	1,4,5,6
18	2,5	38	2,3,6	58	2,4,5,6
19	1,2,5	39	1,2,3,6	59	1,2,4,5,6
20	3,5	40	4,6	60	3,4,5,6

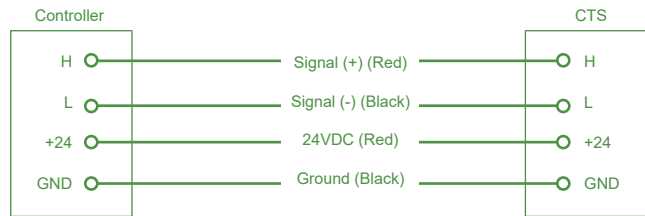
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CTS Quick Reference

Dip Switch Detail



Termination



CANbus:

Topology: Daisy Chain
 Wire: Copper, One pair, twisted, 100 - 130 Ω characteristic impedance, low capacitance 30 pf/ft conductor to conductor or less, unshielded
 Max Distance 1,000 ft, 22 AWG
 Symbol: CL3P-22/2-LC, Part Number: W221P-2001B
 Color: Blue

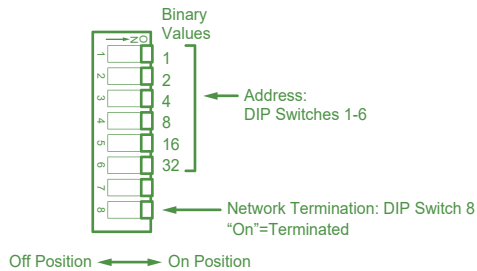
Power: 24VDC

Wire: Copper, One pair, twisted, unshielded
 Max Distance 1,000 ft, 22 AWG
 Symbol: CL3P-22/2, Part Number W221P-2005RIB
 Color: Natural

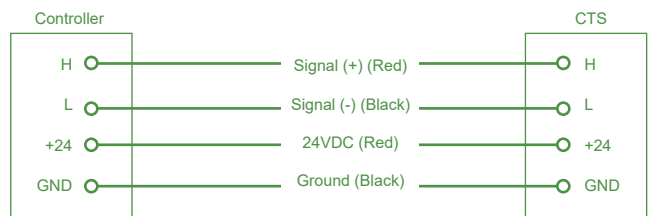
The provided part numbers are from Connect Air.

CTS Quick Reference

Dip Switch Detail



Termination



CANbus:

Topology: Daisy Chain
 Wire: Copper, One pair, twisted, 100 - 130 Ω characteristic impedance, low capacitance 30 pf/ft conductor to conductor or less, unshielded
 Max Distance 1,000 ft, 22 AWG
 Symbol: CL3P-22/2-LC, Part Number: W221P-2001B
 Color: Blue

Power: 24VDC

Wire: Copper, One pair, twisted, unshielded
 Max Distance 1,000 ft, 22 AWG
 Symbol: CL3P-22/2, Part Number W221P-2005RIB
 Color: Natural

The provided part numbers are from Connect Air.