

OPTO 22

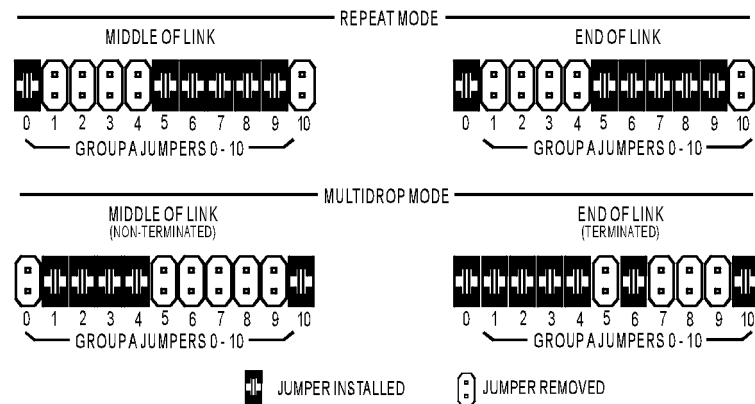
B1 and B2 Jumper Settings

The two groups of jumpers on the B1 and B2 brain boards are labeled Group A and Group B.

Termination (Group A)

In order to meet published specifications, the RS-485 serial link requires two terminations, one at each end of the serial link. **Star configuration is not allowed.**

All brain boards on the same network must operate in the same mode.

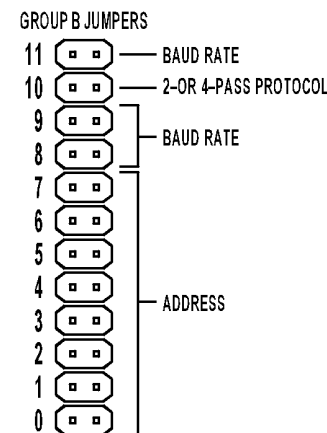


Baud Rate and Message Protocol (Group B)

All units on the same network should be set for the same baud rate.

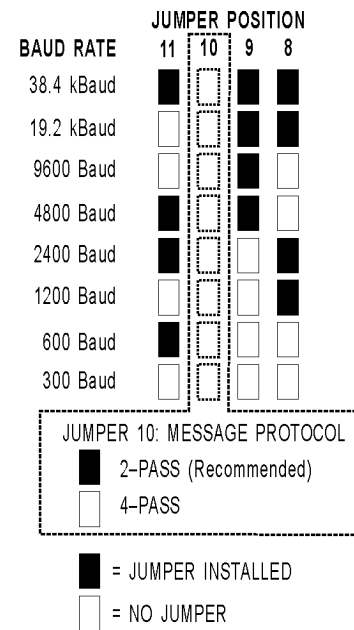
The message protocol can be set as 2-pass or 4-pass. Use 2-pass for normal operation.

Group B Jumpers



See reverse for address jumpers.

Baud Rate and Message Protocol Jumpers



Questions? Contact Opto 22 Product Support:

Phone: 800-835-6786 or 951-695-3080 • Email: support@opto22.com

OPTO 22

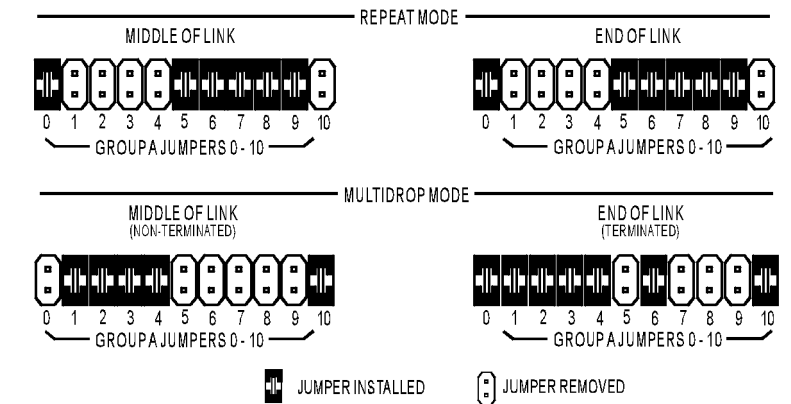
B1 and B2 Jumper Settings

The two groups of jumpers on the B1 and B2 brain boards are labeled Group A and Group B.

Termination (Group A)

In order to meet published specifications, the RS-485 serial link requires two terminations, one at each end of the serial link. **Star configuration is not allowed.**

All brain boards on the same network must operate in the same mode.

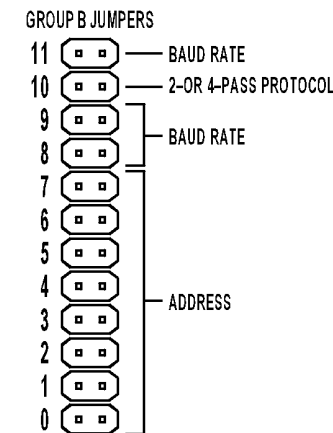


Baud Rate and Message Protocol (Group B)

All units on the same network should be set for the same baud rate.

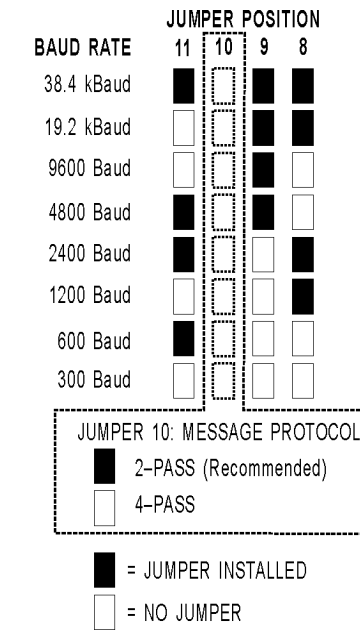
The message protocol can be set as 2-pass or 4-pass. Use 2-pass for normal operation.

Group B Jumpers



See reverse for address jumpers.

Baud Rate and Message Protocol Jumpers



Questions? Contact Opto 22 Product Support:

Phone: 800-835-6786 or 951-695-3080 • Email: support@opto22.com

B1 and B2 Jumper Settings

Address Jumpers (Group B)

Set the Address jumpers (Group B, jumpers 0–7) according to the following chart. Each brain board on the same network must have a unique address. Addresses do not need to be sequential.

7 6 5 4 3 2 1 0	7 6 5 4 3 2 1 0	7 6 5 4 3 2 1 0	7 6 5 4 3 2 1 0	7 6 5 4 3 2 1 0	7 6 5 4 3 2 1 0
0	43	86	129	172	214
1	44	87	130	173	215
2	45	88	131	174	216
3	46	89	132	175	217
4	47	90	133	176	218
5	48	91	134	177	219
6	49	92	135	178	220
7	50	93	136	179	221
8	51	94	137	180	222
9	52	95	138	181	223
10	53	96	139	182	224
11	54	97	140	183	225
12	55	98	141	184	226
13	56	99	142	185	227
14	57	100	143	186	228
15	58	101	144	187	229
16	59	102	145	188	230
17	60	103	146	189	231
18	61	104	147	190	232
19	62	105	148	191	233
20	63	106	149	192	234
21	64	107	150	193	235
22	65	108	151	194	236
23	66	109	152	195	237
24	67	110	153	196	238
25	68	111	154	197	239
26	69	112	155	198	240
27	70	113	156	199	241
28	71	114	157	200	242
29	72	115	158	201	243
30	73	116	159	202	244
31	74	117	160	203	245
32	75	118	161	204	246
33	76	119	162	205	247
34	77	120	163	206	248
35	78	121	164	207	249
36	79	122	165	208	250
37	80	123	166	209	251
38	81	124	167	210	252
39	82	125	168	211	253
40	83	126	169	212	254
41	84	127	170	213	255
42	85	128	171		

■ = JUMPER INSTALLED □ = NO JUMPER

See reverse for additional jumpers.
For more detailed information, see the *B1 and B2 User's Guide* (form 1574) on opto22.com.

B1 and B2 Jumper Settings

Address Jumpers (Group B)

Set the Address jumpers (Group B, jumpers 0–7) according to the following chart. Each brain board on the same network must have a unique address. Addresses do not need to be sequential.

7 6 5 4 3 2 1 0	7 6 5 4 3 2 1 0	7 6 5 4 3 2 1 0	7 6 5 4 3 2 1 0	7 6 5 4 3 2 1 0	7 6 5 4 3 2 1 0
0	43	86	129	172	214
1	44	87	130	173	215
2	45	88	131	174	216
3	46	89	132	175	217
4	47	90	133	176	218
5	48	91	134	177	219
6	49	92	135	178	220
7	50	93	136	179	221
8	51	94	137	180	222
9	52	95	138	181	223
10	53	96	139	182	224
11	54	97	140	183	225
12	55	98	141	184	226
13	56	99	142	185	227
14	57	100	143	186	228
15	58	101	144	187	229
16	59	102	145	188	230
17	60	103	146	189	231
18	61	104	147	190	232
19	62	105	148	191	233
20	63	106	149	192	234
21	64	107	150	193	235
22	65	108	151	194	236
23	66	109	152	195	237
24	67	110	153	196	238
25	68	111	154	197	239
26	69	112	155	198	240
27	70	113	156	199	241
28	71	114	157	200	242
29	72	115	158	201	243
30	73	116	159	202	244
31	74	117	160	203	245
32	75	118	161	204	246
33	76	119	162	205	247
34	77	120	163	206	248
35	78	121	164	207	249
36	79	122	165	208	250
37	80	123	166	209	251
38	81	124	167	210	252
39	82	125	168	211	253
40	83	126	169	212	254
41	84	127	170	213	255
42	85	128	171		

■ = JUMPER INSTALLED □ = NO JUMPER

See reverse for additional jumpers.
For more detailed information, see the *B1 and B2 User's Guide* (form 1574) on opto22.com.