

Checklist of CEM CS_CUS_BATRTN

BAT – RTN CARD

SI No.	Pin Details	Pin Description	Expected	Observed	
				ISRC	FSRC
1.	MON_OP-4 wrt MON_OP-74	Sqb Batt Coil wrt Chassis	>100MΩ	>100MΩ	>100MΩ
2.	MON_OP-4 wrt MON_OP-64	Sqb Batt Coil wrt Inst rtn	>100MΩ	>100MΩ	>100MΩ
3.	MON_OP-4 wrt MON_OP-44	Sqb Batt Coil wrt Inst Live	>100MΩ	>100MΩ	>100MΩ
4.	MON_OP-4 wrt MON_OP-61	Sqb Batt Coil wrt ±15V rtn	>100MΩ	>100MΩ	>100MΩ
5.	MON_OP-4 wrt MON_OP-41	Sqb Batt Coil wrt +15V	>100MΩ	>100MΩ	>100MΩ
6.	MON_OP-4 wrt MON_OP-42	Sqb Batt Coil wrt -15V	>100MΩ	>100MΩ	>100MΩ
7.	MON_OP-3 wrt MON_OP-74	Batt All OFF wrt Chassis	>100MΩ	>100MΩ	>100MΩ
8.	MON_OP-3 wrt MON_OP-64	Batt All OFF wrt Inst rtn	>100MΩ	>100MΩ	>100MΩ
9.	MON_OP-3 wrt MON_OP-44	Batt All OFF wrt Inst Live	>100MΩ	>100MΩ	>100MΩ
10.	MON_OP-3 wrt MON_OP-61	Batt All OFF wrt ±15V rtn	>100MΩ	>100MΩ	>100MΩ
11.	MON_OP-3 wrt MON_OP-41	Batt All OFF wrt +15V	>100MΩ	>100MΩ	>100MΩ
12.	MON_OP-3 wrt MON_OP-42	Batt All OFF wrt -15V	>100MΩ	>100MΩ	>100MΩ
13.	MON_OP-61 wrt MON_OP-64	+15Vrtn & Inst rtn	>100MΩ	>100MΩ	>100MΩ
14.	MON_OP-61 wrt MON_OP-44	+15Vrtn & Inst Live	>100MΩ	>100MΩ	>100MΩ
15.	MON_OP-61 wrt MON_OP-74	+15Vrtn & Chassis	>100MΩ	>100MΩ	>100MΩ
16.	MON_OP-64 wrt MON_OP-74	Inst rtn & Chassis	>100MΩ	>100MΩ	>100MΩ
17.	MON_OP-44 wrt MON_OP-74	Inst live & Chassis	>100MΩ	>100MΩ	>100MΩ
18.	MON_OP-40 wrt MON_OP-44	+15V & Inst live	>100MΩ	>100MΩ	>100MΩ
19.	MON_OP-40 wrt MON_OP-64	+15V & Inst Rtn	>100MΩ	>100MΩ	>100MΩ
20.	MON_OP-40 wrt MON_OP-74	+15V & Chassis	>100MΩ	>100MΩ	>100MΩ
21.	MON_OP-42 wrt MON_OP-44	-15V & inst live	>100MΩ	>100MΩ	>100MΩ
22.	MON_OP-42 wrt MON_OP-64	-15V & inst ret	>100MΩ	>100MΩ	>100MΩ
23.	MON_OP-42 wrt MON_OP-74	-15V & Chassis	>100MΩ	>100MΩ	>100MΩ
24.	PB_R-1 wrt PB_R-2	Bat Rtn(P)	<100mΩ	8mΩ	8mΩ
25.	PB_R-1 wrt PB_R-3	Bat Rtn(P)	<100mΩ	7mΩ	7mΩ
26.	PB_R-1 wrt PB_R-4	Bat Rtn(P)	<100mΩ	7mΩ	7mΩ
27.	PB_R-1 wrt PB_R-5	Bat Rtn(P)	<100mΩ	8mΩ	8mΩ
28.	PB_R-1 wrt PB_R-6	Bat Rtn(P)	<100mΩ	7mΩ	7mΩ
29.	PB_R-1 wrt PB_R-7	Bat Rtn(P)	<100mΩ	7mΩ	7mΩ
30.	PB_R-1 wrt PB_R-8	Bat Rtn(P)	<100mΩ	6mΩ	6mΩ
31.	PB_R-1 wrt PB_R-9	Bat Rtn(P)	<100mΩ	7mΩ	7mΩ
32.	RB_R-1 wrt RB_R-2	Bat Rtn(R)	<100mΩ	8mΩ	8mΩ
33.	RB_R-1 wrt RB_R-3	Bat Rtn(R)	<100mΩ	8mΩ	8mΩ
34.	RB_R-1 wrt RB_R-4	Bat Rtn(R)	<100mΩ	10mΩ	10mΩ
35.	RB_R-1 wrt RB_R-5	Bat Rtn(R)	<100mΩ	8mΩ	8mΩ
36.	RB_R-1 wrt RB_R-6	Bat Rtn(R)	<100mΩ	8mΩ	8mΩ
37.	RB_R-1 wrt RB_R-7	Bat Rtn(R)	<100mΩ	8mΩ	7mΩ
38.	RB_R-1 wrt RB_R-8	Bat Rtn(R)	<100mΩ	8mΩ	8mΩ
39.	RB_R-1 wrt RB_R-9	Bat Rtn(R)	<100mΩ	8mΩ	8mΩ
40.	PB_R-10 wrt RB_R-10	Connector mating status P & R	<100mΩ	11mΩ	11mΩ

SI No.	Pin Details	Pin Description	Expected	Observed	
				ISRC	FSRC
41.	PB_R-1 wrt PB_R-10	Sqb Bat wrt Connector mating status-P	>100MΩ	>100MΩ	>100MΩ
42.	RB_R-1 wrt RB_R-10	Sqb Bat wrt Connector mating status-P	>100MΩ	>100MΩ	>100MΩ
43.	PB_R-1 wrt RB_R-1	Bat Rtn P & R	20kΩ+ 2%	20.002kΩ	20.002kΩ
44.	MON_OP-44 wrt MON_OP-17	Pyro Bat ON/OFF sts	1.47kΩ±2%	1.475kΩ	1.475kΩ
45.	MON_OP-17 wrt MON_OP-18	Pyro Bat ON/OFF sts	2kΩ+ 2%	2.000kΩ	2.000kΩ
46.	MON_OP-17 wrt MON_OP-19	Pyro Bat ON/OFF sts	2kΩ+ 2%	2.000kΩ	2.000kΩ
47.	MON_OP-18 wrt MON_OP-19	Pyro Bat ON/OFF sts	2kΩ+ 2%	2.000kΩ	2.000kΩ
48.	MON_OP-46 wrt MON_OP-47	Pyro Bat mon.	6kΩ+ 2%	6.013kΩ	6.013kΩ
49.	MON_OP-46 wrt MON_OP-66	Pyro Bat mon.	<100mΩ	53mΩ	52mΩ
50.	MON_OP-47 wrt MON_OP-67	Pyro Bat mon.	<100mΩ	51mΩ	51mΩ
51.	MON_OP-3 wrt MON_OP-7	Bat All OFF	<100mΩ	61mΩ	61mΩ
52.	MON_OP-44 wrt MON_OP-45	Inst Live	<100mΩ	48mΩ	48mΩ
53.	MON_OP-64 wrt MON_OP-65	Inst Rtn	<100mΩ	52mΩ	53mΩ
54.	MON_OP-74 wrt CHASSIS	Chassis	<150mΩ	123mΩ	126mΩ
55.	MON_OP-56 wrt MON_OP-58	Current sensor o/ps	2kΩ+ 2%	2.001kΩ	2.001kΩ
56.	MON_OP-61 wrt MON_OP-62	+15V Rtn	<100mΩ	54mΩ	54mΩ
57.	MON_OP-52 wrt MON_OP-53	Current sensor o/ps	2kΩ+ 2%	2.001kΩ	2.001kΩ
58.	MON_OP-55 wrt MON_OP-70	Current sensor o/ps	2kΩ+ 2%	2.001kΩ	2.001kΩ
59.	MON_OP-59 wrt MON_OP-60	Current sensor o/ps	2kΩ+ 2%	2.001kΩ	2.001kΩ
60.	OP1-1 wrt OP1- 2	Bat rtn sqb	<150mΩ	55mΩ	55mΩ
61.	OP1-1 wrt OP1- 3	Bat rtn sqb	<150mΩ	125mΩ	125mΩ
62.	OP1-1 wrt OP1- 4	Bat rtn sqb	<150mΩ	125mΩ	125mΩ
63.	OP1-1 wrt OP1- 5	Bat rtn sqb	<150mΩ	125mΩ	124mΩ
64.	OP1-1 wrt OP1- 6	Bat rtn sqb	<150mΩ	125mΩ	124mΩ
65.	OP1-1 wrt OP1- 7	Bat rtn sqb	<150mΩ	124mΩ	124mΩ
66.	OP1-1 wrt OP1- 8	Bat rtn sqb	<150mΩ	125mΩ	124mΩ
67.	OP1-1 wrt OP1- 21	Bat rtn sqb	<150mΩ	130mΩ	130mΩ
68.	OP1-1 wrt OP1- 22	Bat rtn sqb	<150mΩ	129mΩ	129mΩ
69.	OP1-1 wrt OP1- 23	Bat rtn sqb	<150mΩ	128mΩ	128mΩ
70.	OP1-1 wrt OP1- 24	Bat rtn sqb	<150mΩ	129mΩ	128mΩ
71.	OP1-1 wrt OP1- 25	Bat rtn sqb	<150mΩ	128mΩ	127mΩ
72.	OP1-1 wrt OP1- 26	Bat rtn sqb	<150mΩ	127mΩ	127mΩ
73.	OP1-1 wrt OP1- 27	Bat rtn sqb	<150mΩ	128mΩ	127mΩ
74.	OP1-1 wrt OP1- 28	Bat rtn sqb	<150mΩ	126mΩ	126mΩ
75.	OP1-1 wrt OP1-40	Bat rtn sqb	<150mΩ	131mΩ	130mΩ
76.	OP1-1 wrt OP1-41	Bat rtn sqb	<150mΩ	132mΩ	132mΩ
77.	OP1-1 wrt OP1-42	Bat rtn sqb	<150mΩ	133mΩ	133mΩ
78.	OP1-1 wrt OP1-43	Bat rtn sqb	<150mΩ	135mΩ	135mΩ
79.	OP1-1 wrt OP1-44	Bat rtn sqb	<150mΩ	137mΩ	137mΩ
80.	OP1-1 wrt OP1-45	Bat rtn sqb	<150mΩ	137mΩ	137mΩ
81.	OP1-1 wrt OP1-46	Bat rtn sqb	<150mΩ	138mΩ	138mΩ
82.	OP1-1 wrt OP1-47	Bat rtn sqb	<150mΩ	139mΩ	138mΩ
83.	OP1-1 wrt OP1-60	Bat rtn sqb	<150mΩ	131mΩ	131mΩ
84.	OP1-1 wrt OP1-61	Bat rtn sqb	<150mΩ	133mΩ	133mΩ
85.	OP1-1 wrt OP1-62	Bat rtn sqb	<150mΩ	135mΩ	135mΩ
86.	OP1-1 wrt OP1-63	Bat rtn sqb	<150mΩ	136mΩ	136mΩ

SI No.	Pin Details	Pin Description	Expected	Observed	
				ISRC	FSRC
87.	OP1-12 wrt OP1-13	Bat rtn sqb	<150mΩ	55mΩ	55mΩ
88.	OP1-12 wrt OP1-14	Bat rtn sqb	<150mΩ	54mΩ	54mΩ
89.	OP1-12 wrt OP1-15	Bat rtn sqb	<150mΩ	55mΩ	55mΩ
90.	OP1-12 wrt OP1-16	Bat rtn sqb	<150mΩ	56mΩ	55mΩ
91.	OP1-12 wrt OP1-17	Bat rtn sqb	<150mΩ	55mΩ	55mΩ
92.	OP1-12 wrt OP1-18	Bat rtn sqb	<150mΩ	55mΩ	54mΩ
93.	OP1-12 wrt OP1-19	Bat rtn sqb	<150mΩ	56mΩ	55mΩ
94.	OP1-12 wrt OP1-20	Bat rtn sqb	<150mΩ	56mΩ	56mΩ
95.	OP1-12 wrt OP1-32	Bat rtn sqb	<150mΩ	54mΩ	54mΩ
96.	OP1-12 wrt OP1-33	Bat rtn sqb	<150mΩ	55mΩ	55mΩ
97.	OP1-12 wrt OP1-34	Bat rtn sqb	<150mΩ	54mΩ	54mΩ
98.	OP1-12 wrt OP1-35	Bat rtn sqb	<150mΩ	54mΩ	54mΩ
99.	OP1-12 wrt OP1-36	Bat rtn sqb	<150mΩ	55mΩ	55mΩ
100	OP1-12 wrt OP1-37	Bat rtn sqb	<150mΩ	54mΩ	54mΩ
101	OP1-12 wrt OP1-38	Bat rtn sqb	<150mΩ	55mΩ	54mΩ
102	OP1-12 wrt OP1-39	Bat rtn sqb	<150mΩ	55mΩ	54mΩ
103	OP1-12 wrt OP1-51	Bat rtn sqb	<150mΩ	54mΩ	54mΩ
104	OP1-12 wrt OP1-52	Bat rtn sqb	<150mΩ	54mΩ	54mΩ
105	OP1-12 wrt OP1-53	Bat rtn sqb	<150mΩ	54mΩ	54mΩ
106	OP1-12 wrt OP1-54	Bat rtn sqb	<150mΩ	54mΩ	54mΩ
107	OP1-12 wrt OP1-55	Bat rtn sqb	<150mΩ	54mΩ	55mΩ
108	OP1-12 wrt OP1-56	Bat rtn sqb	<150mΩ	55mΩ	55mΩ
109	OP1-12 wrt OP1-57	Bat rtn sqb	<150mΩ	54mΩ	54mΩ
110	OP1-12 wrt OP1-58	Bat rtn sqb	<150mΩ	55mΩ	54mΩ
111	OP1 -12 wrt OP1-59	Bat rtn sqb	<150mΩ	55mΩ	54mΩ
112	OP1-12 wrt OP1-71	Bat rtn sqb	<150mΩ	60mΩ	61mΩ
113	OP1-12 wrt OP1-72	Bat rtn sqb	<150mΩ	60mΩ	60mΩ
114	OP1-12 wrt OP1-73	Bat rtn sqb	<150mΩ	60mΩ	60mΩ
115	OP1-12 wrt OP1-74	Bat rtn sqb	<150mΩ	60mΩ	60mΩ
116	OP1-12 wrt OP1-75	Bat rtn sqb	<150mΩ	59mΩ	59mΩ
117	OP1-12 wrt OP1-76	Bat rtn sqb	<150mΩ	60mΩ	59mΩ
118	OP1-12 wrt OP1-77	Bat rtn sqb	<150mΩ	60mΩ	59mΩ
119	OP1-12 wrt OP1-78	Bat rtn sqb	<150mΩ	58mΩ	58mΩ
120	OP2-1 wrt OP2-2	Bat rtn sqb	<150mΩ	53mΩ	52mΩ
121	OP2-1 wrt OP2-3	Bat rtn sqb	<150mΩ	72mΩ	63mΩ
122	OP2-1 wrt OP2-4	Bat rtn sqb	<150mΩ	54mΩ	53mΩ
123	OP2-1 wrt OP2-5	Bat rtn sqb	<150mΩ	54mΩ	54mΩ
124	OP2-1 wrt OP2-6	Bat rtn sqb	<150mΩ	54mΩ	53mΩ
125	OP2-1 wrt OP2-7	Bat rtn sqb	<150mΩ	55mΩ	54mΩ
126	OP2-1 wrt OP2-8	Bat rtn sqb	<150mΩ	55mΩ	54mΩ
127	OP2-1 wrt OP2-21	Bat rtn sqb	<150mΩ	52mΩ	52mΩ
128	OP2-1 wrt OP2-22	Bat rtn sqb	<150mΩ	52mΩ	52mΩ
129	OP2-1 wrt OP2-23	Bat rtn sqb	<150mΩ	52mΩ	52mΩ
130	OP2-1 wrt OP2-24	Bat rtn sqb	<150mΩ	52mΩ	52mΩ
131	OP2-1 wrt OP-2-25	Bat rtn sqb	<150mΩ	53mΩ	52mΩ
132	OP2-1 wrt OP2-26	Bat rtn sqb	<150mΩ	107mΩ	107mΩ
133	OP2-1 wrt OP2-27	Bat rtn sqb	<150mΩ	54mΩ	54mΩ
134	OP2-1 wrt OP2-28	Bat rtn sqb	<150mΩ	52mΩ	52mΩ

SI No.	Pin Details	Pin Description	Expected	Observed	
				ISRC	FSRC
135	OP2-1 wrt OP2-40	Bat rtn sqb	<150mΩ	56mΩ	55mΩ
136	OP2-1 wrt OP2-41	Bat rtn sqb	<150mΩ	52mΩ	51mΩ
137	OP2-1 wrt OP2-42	Bat rtn sqb	<150mΩ	52mΩ	51mΩ
138	OP2-1 wrt OP2-43	Bat rtn sqb	<150mΩ	53mΩ	52mΩ
139	OP2-1 wrt OP2-44	Bat rtn sqb	<150mΩ	52mΩ	52mΩ
140	OP2-1 wrt OP2-45	Bat rtn sqb	<150mΩ	53mΩ	52mΩ
141	OP2-1 wrt OP2-46	Bat rtn sqb	<150mΩ	52mΩ	52mΩ
142	OP2-1 wrt OP2-47	Bat rtn sqb	<150mΩ	53mΩ	53mΩ
143	OP2-1 wrt OP2-60	Bat rtn sqb	<150mΩ	52mΩ	52mΩ
144	OP2-1 wrt OP2-61	Bat rtn sqb	<150mΩ	53mΩ	52mΩ
145	OP2-1 wrt OP2-62	Bat rtn sqb	<150mΩ	54mΩ	53mΩ
146	OP2-1 wrt OP2-63	Bat rtn sqb	<150mΩ	53mΩ	53mΩ
147	OP2-1 wrt OP2-64	Bat rtn sqb	<150mΩ	52mΩ	52mΩ
148	OP2-1 wrt OP2-65	Bat rtn sqb	<150mΩ	53mΩ	53mΩ
149	OP2-1 wrt OP2-66	Bat rtn sqb	<150mΩ	53mΩ	53mΩ
150	OP2-1 wrt OP2-67	Bat rtn sqb	<150mΩ	54mΩ	53mΩ
151	OP2-12 wrt OP2-71	Bat rtn sqb	<150mΩ	59mΩ	59mΩ
152	OP2-12 wrt OP2-72	Bat rtn sqb	<150mΩ	59mΩ	59mΩ
153	OP2-12 wrt OP2-73	Bat rtn sqb	<150mΩ	59mΩ	59mΩ
154	OP2-12 wrt OP2-74	Bat rtn sqb	<150mΩ	60mΩ	59mΩ
155	OP2-12 wrt OP2-75	Bat rtn sqb	<150mΩ	58mΩ	59mΩ
156	OP2-12 wrt OP2-76	Bat rtn sqb	<150mΩ	58mΩ	57mΩ
157	OP2-12 wrt OP2-77	Bat rtn sqb	<150mΩ	58mΩ	57mΩ
158	OP2-12 wrt OP2-78	Bat rtn sqb	<150mΩ	58mΩ	57mΩ
159	OP2-12 wrt OP2-13	Bat rtn sqb	<150mΩ	53mΩ	53mΩ
160	OP2-12 wrt OP2-14	Bat rtn sqb	<150mΩ	53mΩ	53mΩ
161	OP2-12 wrt OP2-15	Bat rtn sqb	<150mΩ	53mΩ	53mΩ
162	OP2-12 wrt OP2-16	Bat rtn sqb	<150mΩ	55mΩ	63mΩ
163	OP2-12 wrt OP2-17	Bat rtn sqb	<150mΩ	54mΩ	55mΩ
164	OP2-12 wrt OP2-18	Bat rtn sqb	<150mΩ	55mΩ	54mΩ
165	OP2-12 wrt OP2-19	Bat rtn sqb	<150mΩ	53mΩ	53mΩ
166	OP2-12 wrt OP2-20	Bat rtn sqb	<150mΩ	55mΩ	54mΩ
167	OP2-12 wrt OP2-32	Bat rtn sqb	<150mΩ	52mΩ	52mΩ
168	OP2-12 wrt OP2-33	Bat rtn sqb	<150mΩ	52mΩ	52mΩ
169	OP2-12 wrt OP2-34	Bat rtn sqb	<150mΩ	52mΩ	52mΩ
170	OP2-12 wrt OP2-35	Bat rtn sqb	<150mΩ	53mΩ	53mΩ
171	OP2-12 wrt OP2-36	Bat rtn sqb	<150mΩ	53mΩ	53mΩ
172	OP2-12 wrt OP2-37	Bat rtn sqb	<150mΩ	53mΩ	52mΩ
173	OP2-12 wrt OP2-38	Bat rtn sqb	<150mΩ	53mΩ	53mΩ
174	OP2-12 wrt OP2-39	Bat rtn sqb	<150mΩ	54mΩ	53mΩ
175	OP2-12 wrt OP2-51	Bat rtn sqb	<150mΩ	52mΩ	51mΩ
176	OP2-12 wrt OP2-52	Bat rtn sqb	<150mΩ	52mΩ	52mΩ
177	OP2-12 wrt OP2-53	Bat rtn sqb	<150mΩ	52mΩ	51mΩ
178	OP2-12 wrt OP2-54	Bat rtn sqb	<150mΩ	53mΩ	52mΩ
179	OP2-12 wrt OP2-55	Bat rtn sqb	<150mΩ	53mΩ	53mΩ
180	OP2-12 wrt OP2-56	Bat rtn sqb	<150mΩ	53mΩ	53mΩ
181	OP2-12 wrt OP2-57	Bat rtn sqb	<150mΩ	53mΩ	52mΩ
182	OP2-12 wrt OP2-58	Bat rtn sqb	<150mΩ	53mΩ	52mΩ

SI No.	Pin Details	Pin Description	Expected	Observed	
				ISRC	FSRC
183	OP2-12 wrt OP2-59	Bat rtn sqb	<150mΩ	53mΩ	53mΩ
184	MON_OP-40 wrt MON_OP-41	LEM (+15V) supply	<100mΩ	48mΩ	48mΩ
185	MON_OP-42 wrt MON_OP-43	LEM (-15V) supply	<100mΩ	48mΩ	48mΩ
186	OP1- 1 wrt CHASSIS	Bat rtn sqb	10kΩ+ 1%	9.999k Ω	10.000k Ω
187	OP1-12 wrt CHASSIS	Bat rtn sqb	10kΩ+ 1%	9.999k Ω	9.999k Ω
188	OP2-1 wrt CHASSIS	Bat rtn sqb	10kΩ+ 1%	9.999k Ω	9.999k Ω
189	OP2- 12 wrt CHASSIS	Bat rtn sqb	10kΩ+ 1%	9.999k Ω	9.999k Ω
190	MON_OP-46 wrt CHASSIS	Bat sqb mon(P)	13kΩ+ 1%	13.006k Ω	13.007k Ω
191	MON_OP-47 wrt CHASSIS	Bat sqb mon(R)	13kΩ+ 1%	13.007k Ω	13.007k Ω
192	MON_OP-66 wrt CHASSIS	Bat sqb mon(P)	13kΩ+ 1%	13.006k Ω	13.006k Ω
193	MON_OP-67 wrt CHASSIS	Bat sqb mon(R)	13kΩ+1%	13.007k Ω	13.007k Ω
194	PB_R- A wrt CHASSIS	Bat sqb (P)	10kΩ+ 1%	10.001k Ω	10.001k Ω
195	RB_R- A wrt CHASSIS	Bat sqb (R)	10kΩ+ 1%	10.000k Ω	10.000k Ω
196	OP1-1 wrt OP1-12	SQB_RTN-P S1 wrt S2	<150mΩ	108mΩ	108mΩ
197	OP1-1 wrt OP2-1	SQB_RTN-P S1 wrt R-S1	<150mΩ	116mΩ	115mΩ
198	OP1-1 wrt OP2-12	SQB_RTN-P S1 wrt R-S2	<150mΩ	103mΩ	103mΩ
199	MON_OP-32 wrt OP1-1	SQB bat rtn-PwrtSqbrtn	<150mΩ	140mΩ	140mΩ
200	MON_OP-33 wrt OP1-1	SQB bat rtn-R wrt Sqbrtn	<150mΩ	142mΩ	142mΩ
201	MON_OP-66 wrt MON_OP-32	SQB bat mon-P wrt rtn-P	3 kΩ ± 2 %	3.006k Ω	3.006k Ω
202	MON_OP-67 wrt MON_OP-33	SQB bat mon-R wrt rtn-R	3 kΩ ± 2 %	3.007k Ω	3.007k Ω
Coil resistance measurement					
203	MONOP-1 wrt MONOP-4	BAT ON SQB	*90Ω ± 9Ω #60 + 6 Ω	91.486 Ω	91.211 Ω
204	MONOP-2 wrt MONOP-4	BAT OFF SQB	*90Ω ± 9Ω #60 + 6 Ω		
205	All connector mounting posts wrt chassis		<100mΩ	<100mΩ	<100mΩ
206	All pins wrt Chassis (except PB_R-A to H &J, RB_R-A to H & J, OP1-1-8,12-28,32-47,51-63,OP2-1-8,12-28,32-47,51-67, MON_OP-46,47,66,67,74)		>100MΩ	>100MΩ	>100MΩ

* If Leach/STPI relays are wired.

If RBEL relays are wired.

List of Connectors in the package

1. PB-R and RB-R=11 pin Male D3899 connector

2.Mon-OP,OP1 and OP2=78 pin Female

1.Issue Battery ON (SQB) command (28V pulse @ MONOP-1 wrt MONOP-4)

Continuity between	Expected	Observed	
		ISRC	FSRC
PB-R-A & OP1-1	<150mΩ	77mΩ	77mΩ
RB-R-A & OP2-1	<100mΩ	51mΩ	51mΩ
OP1-1 & MON-OP-74	5kΩ ± 2%	5.001kΩ	5.001kΩ
OP2-1 & MON-OP-74	5kΩ ± 2%	5.000kΩ	5.000kΩ