

172	*RB-L-J wrt RO-24	Bat-R wrt Coil -R	> 100MΩ	>100MΩ	>100MΩ
173	All pins with respect to chassis		> 100MΩ	>100MΩ	>100MΩ
174	All connector mounting posts wrt chassis		< 100mΩ	<100MΩ	<100MΩ
175	PO-1 wrt PO-3	Py Cmd-1 Output P wrt R	> 100MΩ	>100MΩ	>100MΩ
176	PO-5 wrt PO-7	Py Cmd-2 Output P wrt R	> 100MΩ	>100MΩ	>100MΩ
177	PO-10 wrt PO-12	Py Cmd-3 Output P wrt R	> 100MΩ	>100MΩ	>100MΩ
178	PO-13 wrt PO-15	Py Cmd-4 Output P wrt R	> 100MΩ	>100MΩ	>100MΩ

**\*PO-40,RO-40,PB-L,RB-L are connectors of BAT-Live module.**

**List of Connectors in the package**

**1. CIP and CIR=50 pin Male**

**VLV-DRY-1 Module 2. PO and RO =25 pin Female**

**3. MP=44 pin Female**

**Checklist of CEM EB LIVE VLVDRY1**

SI no.	Test Points	Description	Expected	ISRC	FSRC
1	CIP-1 wrt CIR-1	CMD1 CMD	0.1Ω - 0.35Ω	226mΩ	226mΩ
2	CIP-2 wrt CIR-2	CMD1 CMDBAR	0.1Ω - 0.35Ω	245mΩ	245mΩ
3	CIP-3 wrt CIR-3	CMD2 CMD	0.1Ω - 0.5Ω	261mΩ	263mΩ
4	CIP-4 wrt CIR-4	CMD2 CMDBAR	0.2Ω - 0.5Ω	339mΩ	338mΩ
5	CIP-5 wrt CIR-5	CMD3 CMD	0.2Ω - 0.5Ω	333mΩ	336mΩ
6	CIP-6 wrt CIR-6	CMD3 CMDBAR	0.2Ω - 0.6Ω	403mΩ	404mΩ
7	CIP-7 wrt CIR-7	CMD4 CMD	0.1Ω - 0.35Ω	247mΩ	249mΩ
8	CIP-8 wrt CIR-8	CMD4 CMDBAR	0.2Ω - 0.4Ω	293mΩ	293mΩ
9	CIP-9 wrt CIR-9	CMD5 CMD	0.2Ω - 0.5Ω	307mΩ	308mΩ
10	CIP-10 wrt CIR-10	CMD5 CMDBAR	0.2Ω - 0.5Ω	344mΩ	347mΩ
11	CIP-11 wrt CIR-11	CMD6 CMD	0.2Ω - 0.55Ω	394mΩ	394mΩ
12	CIP-12 wrt CIR-12	CMD6 CMDBAR	0.1Ω - 0.35Ω	207mΩ	208mΩ
13	CIP-13 wrt CIR-13	CMD7 CMD	0.4Ω - 0.8Ω	544mΩ	544mΩ
14	CIP-14 wrt CIR-14	CMD7 CMDBAR	0.4Ω - 0.8Ω	588mΩ	586mΩ
15	CIP-15 wrt CIR-15	CMD8 CMD	0.5Ω - 0.9Ω	601mΩ	606mΩ
16	CIP-16 wrt CIR-16	CMD8 CMDBAR	0.6Ω - 1Ω	718mΩ	720mΩ
17	CIP-18 wrt CIR-18	CMD9 ON CMD	0.5Ω - 0.9Ω	579mΩ	584mΩ
18	CIP-19 wrt CIR-19	CMD9 ON CMDBAR	0.5Ω - 0.9Ω	629mΩ	633mΩ
19	CIP-20 wrt CIR-20	CMD10 ON CMD	0.5Ω - 0.9Ω	685mΩ	690mΩ
20	CIP-21 wrt CIR-21	CMD10 ON CMDBAR	0.5Ω - 0.9Ω	658mΩ	661mΩ
21	CIP-23 wrt CIR-23	CMD9 OFF CMD	0.4Ω - 0.8Ω	530mΩ	531mΩ
22	CIP-17 wrt CIR-17	CMD9 OFF CMDBAR	0.5Ω - 0.9Ω	698mΩ	702mΩ
23	CIP-44 wrt CIR-44	CMD10 OFF CMD	0.6Ω - 1Ω	754mΩ	756mΩ
24	CIP-45 wrt CIR-45	CMD10 OFF CMDBAR	0.6Ω - 1Ω	736mΩ	740mΩ
25	CIP-26 wrt CIR-26	CMD12 CMD	0.6Ω - 1Ω	709mΩ	712mΩ
26	CIP-27 wrt CIR-27	CMD12 CMDBAR	0.5Ω - 0.9Ω	571mΩ	575mΩ
27	CIP-28 wrt CIR-28	28 V in	0.2Ω - 0.5Ω	370mΩ	370mΩ
28	CIP-29 wrt CIR-29	CMD11 ON CMD	0.2Ω - 0.5Ω	360mΩ	358mΩ
29	CIP-30 wrt CIR-30	CMD11 OFF CMD	0.2Ω - 0.5Ω	304mΩ	307mΩ
30	CIP-31 wrt CIR-31	CMD11 OFF CMDBAR	0.2Ω - 0.5Ω	312mΩ	310mΩ
31	CIP-32 wrt CIR-32	CMD11 ON CMDBAR	0.2Ω - 0.5Ω	394mΩ	396mΩ
32	CIP-33 wrt CIP-48	28 V in	< 100mΩ	16mΩ	13mΩ
33	CIR-33 wrt CIR-48	28 V in	< 100mΩ	61mΩ	59mΩ
34	CIP-34 wrt CIR-34	28 V in	< 350mΩ	150mΩ	147mΩ
35	CIP-35 wrt CIR-35	28 V in	< 350mΩ	270mΩ	274mΩ
36	CIP-24 wrt CIP-36	28 V in	< 100mΩ	21mΩ	19mΩ

37	CIR-24 wrt CIR-36	28 V in	< 100mΩ	34mΩ	33mΩ
38	CIP-37 wrt CIR-37	28 V in	0.3-0.5Ω	378mΩ	377mΩ
39	CIP-38 wrt CIR-38	28 V in	0.4 -0.7Ω	463mΩ	464mΩ
40	CIP-39 wrt CIP-25	28 V in	< 100mΩ	15mΩ	16mΩ
41	CIR-39 wrt CIR-25	28 V in	< 100mΩ	6mΩ	6mΩ
42	CIP-46 wrt CIP-47	S/A(P)	0.1 – 0.4Ω	150mΩ	149mΩ
43	CIR-46 wrt CIR-47	S/A(R)	0.4 -0.7Ω	453mΩ	456mΩ
44	CIP-49 wrt CIR-49	+5V	0.4 -0.7Ω	490mΩ	487mΩ
45	CIP-50 wrt CIR-50	RTN	0.3-0.5Ω	335mΩ	338mΩ
46	PO-1 wrt RO-1	CMD1 Outputs	0.4 -0.8Ω	588mΩ	589mΩ
47	PO-2 wrt RO-2	CMD2 Outputs	0.4 -0.8Ω	555mΩ	560mΩ
48	PO-3 wrt RO-14	CMD3 Outputs	0.1 -0.35Ω	141mΩ	138mΩ
49	RO-3 wrt PO-14	CMD3 Outputs	0.1 -0.35Ω	151mΩ	154mΩ
50	PO-4 wrt RO-4	CMD4 Outputs	0.6Ω - 1Ω	700mΩ	702mΩ
51	PO-5 wrt RO-5	CMD5 Outputs	0.4Ω - 0.8Ω	456mΩ	460mΩ
52	PO-6 wrt RO-15	CMD6 Outputs	100mΩ - 350mΩ	184mΩ	186mΩ
53	PO-15 wrt RO-6	CMD6 Outputs	100mΩ - 350mΩ	197mΩ	199mΩ
54	PO-7 wrt RO-20	CMD7 Outputs	< 250mΩ	110mΩ	111mΩ
55	RO-7 wrt PO-20	CMD7 Outputs	< 250mΩ	109mΩ	111mΩ
56	PO-8 wrt RO-21	CMD8 Outputs	100mΩ - 350mΩ	185mΩ	185mΩ
57	RO-8 wrt PO-21	CMD8 Outputs	< 200mΩ	106mΩ	105mΩ
58	PO-9 wrt RO-9	CMD9 Outputs	200mΩ - 350mΩ	272mΩ	270mΩ
59	PO-10 wrt RO-10	CMD10 Outputs	< 100mΩ	14mΩ	15mΩ
60	PO-11 wrt RO-22	CMD12 Outputs	< 200mΩ	101mΩ	99mΩ
61	RO-11 wrt PO-22	CMD12 Outputs	< 200mΩ	126mΩ	125mΩ
62	PO-12 wrt RO-12	CMD11 Outputs	< 100mΩ	57mΩ	57mΩ
63	PO-13 wrt RO-13	CMD11 Outputs	< 100mΩ	72mΩ	71mΩ
64	PO-6 wrt RO-6	CMD6 Outputs	> 100MΩ	>100MΩ	>100MΩ
65	CIP-25 wrt CIR-25	CMD6 inputs	> 100MΩ	>100MΩ	>100MΩ
66	PO-3 wrt RO-3	CMD3 Outputs	> 100MΩ	>100MΩ	>100MΩ
67	CIP-24 wrt CIR-24	CMD3 inputs	> 100MΩ	>100MΩ	>100MΩ
68	CIP-47 wrt MP-1	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
69	CIP-47 wrt MP-2	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
70	CIP-47 wrt MP-3	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
71	CIP-47 wrt MP-4	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
72	CIP-47 wrt MP-5	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
73	CIP-47 wrt MP-6	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
74	CIP-47 wrt MP-7	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
75	CIP-47 wrt MP-8	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
76	CIP-47 wrt MP-9	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
77	CIP-47 wrt MP-10	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
78	CIP-47 wrt MP-11	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
79	CIP-47 wrt MP-12	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
80	CIP-47 wrt MP-13	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
81	CIP-47 wrt MP-14	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
82	CIP-47 wrt MP-15	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
83	CIP-47 wrt MP-16	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
84	CIP-47 wrt MP-17	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
85	CIP-47 wrt MP-18	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
86	CIP-47 wrt MP-19	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
87	CIP-47 wrt MP-20	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ



139	CIP-47 wrt RO-3	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
140	CIP-47 wrt RO-4	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
141	CIP-47 wrt RO-5	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
142	CIP-47 wrt RO-6	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
143	CIP-47 wrt RO-7	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
144	CIP-47 wrt RO-8	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
145	CIP-47 wrt RO-9	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
146	CIP-47 wrt RO-10	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
147	CIP-47 wrt RO-11	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
148	CIP-47 wrt RO-12	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
149	CIP-47 wrt RO-13	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
150	CIP-47 wrt RO-14	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
151	CIP-47 wrt RO-15	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
152	CIP-47 wrt RO-16	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
153	CIP-47 wrt RO-17	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
154	CIP-47 wrt RO-18	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
155	CIP-47 wrt RO-19	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
156	CIP-47 wrt RO-20	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
157	CIP-47 wrt RO-21	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
158	CIP-47 wrt RO-22	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
159	CIP-47 wrt RO-23	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
160	CIP-47 wrt RO-24	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
161	CIP-47 wrt RO-25	Relay coil & contact	> 100MΩ	>100MΩ	>100MΩ
162	CIP-40 wrt CIR-40	CMD12 Inputs	< 100mΩ	14mΩ	15mΩ
163	PO-11 wrt RO-11	CMD12 Outputs	< 100mΩ	24mΩ	20mΩ
164	CIP-43 wrt CIR-43	CMD10 Inputs	< 100mΩ	22mΩ	19mΩ
165	CIP-25 wrt CIR-42	CMD6 inputs	250mΩ - 450mΩ	299mΩ	300mΩ
166	CIR-25 wrt CIP-42	CMD6 inputs	250mΩ - 450mΩ	271mΩ	273mΩ
167	CIP-47 wrt CIR-47	Coil Input-P wrt R	> 100MΩ	>100MΩ	>100MΩ
168	CIR-47 wrt CIP-47	Coil Input-R wrt P	> 100MΩ	>100MΩ	>100MΩ
169	CIP-47 wrt CIP-48	Coil Input-P wrt Contact Input-P	> 100MΩ	>100MΩ	>100MΩ
170	CIP-47 wrt CIR-48	Coil Input-P wrt Contact Input-R	> 100MΩ	>100MΩ	>100MΩ
171	CIP-47 wrt CIP-34	Coil Input-P wrt Dry cmds contact and Inst Live	> 100MΩ	>100MΩ	>100MΩ
172	CIP-47 wrt CIP-35		> 100MΩ	>100MΩ	>100MΩ
173	CIP-47 wrt CIP-24		> 100MΩ	>100MΩ	>100MΩ
174	CIP-47 wrt CIP-37		> 100MΩ	>100MΩ	>100MΩ
175	CIP-47 wrt CIP-38		> 100MΩ	>100MΩ	>100MΩ
176	CIP-47 wrt CIP-39		> 100MΩ	>100MΩ	>100MΩ
177	CIP-47 wrt CIP-40		> 100MΩ	>100MΩ	>100MΩ
178	CIP-47 wrt CIP-43		> 100MΩ	>100MΩ	>100MΩ
179	CIP-47 wrt CIP-49		> 100MΩ	>100MΩ	>100MΩ
180	CIP-47 wrt CIR-24		> 100MΩ	>100MΩ	>100MΩ
181	CIP-47 wrt CIR-39		> 100MΩ	>100MΩ	>100MΩ
182	CIR-47 wrt CIP-40		> 100MΩ	>100MΩ	>100MΩ
183	CIR-47 wrt CIP-34		> 100MΩ	>100MΩ	>100MΩ
184	CIR-47 wrt CIP-35		> 100MΩ	>100MΩ	>100MΩ
185	CIR-47 wrt CIP-24		> 100MΩ	>100MΩ	>100MΩ
186	CIR-47 wrt CIP-37		> 100MΩ	>100MΩ	>100MΩ
187	CIR-47 wrt CIP-38		> 100MΩ	>100MΩ	>100MΩ

188	CIR-47 wrt CIP-39		> 100MΩ	>100MΩ	>100MΩ
189	CIR-47 wrt CIP-43		> 100MΩ	>100MΩ	>100MΩ
190	CIR-47 wrt CIP-49		> 100MΩ	>100MΩ	>100MΩ
191	CIR-47 wrt CIR-24		> 100MΩ	>100MΩ	>100MΩ
192	CIR-47 wrt CIR-39		> 100MΩ	>100MΩ	>100MΩ
193	CIR-47 wrt PO-1	Coil Input-R wrt functional outputs-P	> 100MΩ	>100MΩ	>100MΩ
194	CIR-47 wrt PO-2		> 100MΩ	>100MΩ	>100MΩ
195	CIR-47 wrt PO-3		> 100MΩ	>100MΩ	>100MΩ
196	CIR-47 wrt PO-4		> 100MΩ	>100MΩ	>100MΩ
197	CIR-47 wrt PO-5		> 100MΩ	>100MΩ	>100MΩ
198	CIR-47 wrt PO-6		> 100MΩ	>100MΩ	>100MΩ
199	CIR-47 wrt PO-7		> 100MΩ	>100MΩ	>100MΩ
200	CIR-47 wrt PO-8		> 100MΩ	>100MΩ	>100MΩ
201	CIR-47 wrt PO-9		> 100MΩ	>100MΩ	>100MΩ
202	CIR-47 wrt PO-10		> 100MΩ	>100MΩ	>100MΩ
203	CIR-47 wrt PO-11		> 100MΩ	>100MΩ	>100MΩ
204	CIR-47 wrt PO-12		> 100MΩ	>100MΩ	>100MΩ
205	CIR-47 wrt PO-13		> 100MΩ	>100MΩ	>100MΩ
206	CIR-47 wrt PO-14		> 100MΩ	>100MΩ	>100MΩ
207	CIR-47 wrt PO-15		> 100MΩ	>100MΩ	>100MΩ
208	CIR-47 wrt PO-16		> 100MΩ	>100MΩ	>100MΩ
209	CIR-47 wrt PO-17		> 100MΩ	>100MΩ	>100MΩ
210	CIR-47 wrt PO-18		> 100MΩ	>100MΩ	>100MΩ
211	CIR-47 wrt PO-19		> 100MΩ	>100MΩ	>100MΩ
212	CIR-47 wrt PO-20		> 100MΩ	>100MΩ	>100MΩ
213	CIR-47 wrt PO-21		> 100MΩ	>100MΩ	>100MΩ
214	CIR-47 wrt PO-22	> 100MΩ	>100MΩ	>100MΩ	
215	CIR-47 wrt PO-23	> 100MΩ	>100MΩ	>100MΩ	
216	CIR-47 wrt PO-24	> 100MΩ	>100MΩ	>100MΩ	
217	CIR-47 wrt PO-25	> 100MΩ	>100MΩ	>100MΩ	
218	CIR-47 wrt RO-1	Coil Input-R wrt functional outputs-R	> 100MΩ	>100MΩ	>100MΩ
219	CIR-47 wrt RO-2		> 100MΩ	>100MΩ	>100MΩ
220	CIR-47 wrt RO-3		> 100MΩ	>100MΩ	>100MΩ
221	CIR-47 wrt RO-4		> 100MΩ	>100MΩ	>100MΩ
222	CIR-47 wrt RO-5		> 100MΩ	>100MΩ	>100MΩ
223	CIR-47 wrt RO-6		> 100MΩ	>100MΩ	>100MΩ
224	CIR-47 wrt RO-7		> 100MΩ	>100MΩ	>100MΩ
225	CIR-47 wrt RO-8		> 100MΩ	>100MΩ	>100MΩ
226	CIR-47 wrt RO-9		> 100MΩ	>100MΩ	>100MΩ
227	CIR-47 wrt RO-10		> 100MΩ	>100MΩ	>100MΩ
228	CIR-47 wrt RO-11		> 100MΩ	>100MΩ	>100MΩ
229	CIR-47 wrt RO-12		> 100MΩ	>100MΩ	>100MΩ
230	CIR-47 wrt RO-13		> 100MΩ	>100MΩ	>100MΩ
231	CIR-47 wrt RO-14		> 100MΩ	>100MΩ	>100MΩ
232	CIR-47 wrt RO-15		> 100MΩ	>100MΩ	>100MΩ
233	CIR-47 wrt RO-16		> 100MΩ	>100MΩ	>100MΩ
234	CIR-47 wrt RO-17		> 100MΩ	>100MΩ	>100MΩ
235	CIR-47 wrt RO-18		> 100MΩ	>100MΩ	>100MΩ
236	CIR-47 wrt RO-19		> 100MΩ	>100MΩ	>100MΩ
237	CIR-47 wrt RO-20		> 100MΩ	>100MΩ	>100MΩ
238	CIR-47 wrt RO-21		> 100MΩ	>100MΩ	>100MΩ

239	CIR-47 wrt RO-22		> 100MΩ	>100MΩ	>100MΩ
240	CIR-47 wrt RO-23		> 100MΩ	>100MΩ	>100MΩ
241	CIR-47 wrt RO-24		> 100MΩ	>100MΩ	>100MΩ
242	CIR-47 wrt RO-25		> 100MΩ	>100MΩ	>100MΩ
243	CIR-47 wrt MP-1		> 100MΩ	>100MΩ	>100MΩ
244	CIR-47 wrt MP-2		> 100MΩ	>100MΩ	>100MΩ
245	CIR-47 wrt MP-3		> 100MΩ	>100MΩ	>100MΩ
246	CIR-47 wrt MP-4		> 100MΩ	>100MΩ	>100MΩ
247	CIR-47 wrt MP-5		> 100MΩ	>100MΩ	>100MΩ
248	CIR-47 wrt MP-6		> 100MΩ	>100MΩ	>100MΩ
249	CIR-47 wrt MP-7		> 100MΩ	>100MΩ	>100MΩ
250	CIR-47 wrt MP-8		> 100MΩ	>100MΩ	>100MΩ
251	CIR-47 wrt MP-9		> 100MΩ	>100MΩ	>100MΩ
252	CIR-47 wrt MP-10		> 100MΩ	>100MΩ	>100MΩ
253	CIR-47 wrt MP-11		> 100MΩ	>100MΩ	>100MΩ
254	CIR-47 wrt MP-12		> 100MΩ	>100MΩ	>100MΩ
255	CIR-47 wrt MP-13		> 100MΩ	>100MΩ	>100MΩ
256	CIR-47 wrt MP-14		> 100MΩ	>100MΩ	>100MΩ
257	CIR-47 wrt MP-15		> 100MΩ	>100MΩ	>100MΩ
258	CIR-47 wrt MP-16		> 100MΩ	>100MΩ	>100MΩ
259	CIR-47 wrt MP-17		> 100MΩ	>100MΩ	>100MΩ
260	CIR-47 wrt MP-18		> 100MΩ	>100MΩ	>100MΩ
261	CIR-47 wrt MP-19		> 100MΩ	>100MΩ	>100MΩ
262	CIR-47 wrt MP-20		> 100MΩ	>100MΩ	>100MΩ
263	CIR-47 wrt MP-21		> 100MΩ	>100MΩ	>100MΩ
264	CIR-47 wrt MP-22	Coil Input-R wrt midpoints	> 100MΩ	>100MΩ	>100MΩ
265	CIR-47 wrt MP-23		> 100MΩ	>100MΩ	>100MΩ
266	CIR-47 wrt MP-24		> 100MΩ	>100MΩ	>100MΩ
267	CIR-47 wrt MP-25		> 100MΩ	>100MΩ	>100MΩ
268	CIR-47 wrt MP-26		> 100MΩ	>100MΩ	>100MΩ
269	CIR-47 wrt MP-27		> 100MΩ	>100MΩ	>100MΩ
270	CIR-47 wrt MP-28		> 100MΩ	>100MΩ	>100MΩ
271	CIR-47 wrt MP-29		> 100MΩ	>100MΩ	>100MΩ
272	CIR-47 wrt MP-30		> 100MΩ	>100MΩ	>100MΩ
273	CIR-47 wrt MP-31		> 100MΩ	>100MΩ	>100MΩ
274	CIR-47 wrt MP-32		> 100MΩ	>100MΩ	>100MΩ
275	CIR-47 wrt MP-33		> 100MΩ	>100MΩ	>100MΩ
276	CIR-47 wrt MP-34		> 100MΩ	>100MΩ	>100MΩ
277	CIR-47 wrt MP-35		> 100MΩ	>100MΩ	>100MΩ
278	CIR-47 wrt MP-36		> 100MΩ	>100MΩ	>100MΩ
279	CIR-47 wrt MP-37		> 100MΩ	>100MΩ	>100MΩ
280	CIR-47 wrt MP-38		> 100MΩ	>100MΩ	>100MΩ
281	CIR-47 wrt MP-39		> 100MΩ	>100MΩ	>100MΩ
282	CIR-47 wrt MP-40		> 100MΩ	>100MΩ	>100MΩ
283	CIR-47 wrt MP-41		> 100MΩ	>100MΩ	>100MΩ
284	CIR-47 wrt MP-42		> 100MΩ	>100MΩ	>100MΩ
285	CIR-47 wrt MP-43		> 100MΩ	>100MΩ	>100MΩ
286	CIR-47 wrt MP-44		> 100MΩ	>100MΩ	>100MΩ
287	CIP-48 wrt CIP-47	Contact Input-P wrt Coil Input-P	> 100MΩ	>100MΩ	>100MΩ
288	CIP-48 wrt CIR-47	Contact Input-P wrt Coil	> 100MΩ	>100MΩ	>100MΩ

		Input-R				
289	CIP-48 wrt CIR-48	Contact Input-P wrt Contact Input-R	> 10MΩ	39.830MΩ	34.906MΩ	
290	CIP-48 wrt CIP-34	Contact Input-P wrt Dry cmds contact and Inst live	> 100MΩ	>100MΩ	>100MΩ	
291	CIP-48 wrt CIP-35		> 100MΩ	>100MΩ	>100MΩ	
292	CIP-48 wrt CIP-24		> 100MΩ	>100MΩ	>100MΩ	
293	CIP-48 wrt CIP-37		> 100MΩ	>100MΩ	>100MΩ	
294	CIP-48 wrt CIP-38		> 100MΩ	>100MΩ	>100MΩ	
295	CIP-48 wrt CIP-39		> 100MΩ	>100MΩ	>100MΩ	
296	CIP-48 wrt CIP-40		> 100MΩ	>100MΩ	>100MΩ	
297	CIP-48 wrt CIP-42		> 100MΩ	>100MΩ	>100MΩ	
298	CIP-48 wrt CIP-43		> 100MΩ	>100MΩ	>100MΩ	
299	CIP-48 wrt CIP-49		> 100MΩ	>100MΩ	>100MΩ	
300	CIP-48 wrt CIR-24		> 100MΩ	>100MΩ	>100MΩ	
301	CIP-48 wrt CIR-39		> 100MΩ	>100MΩ	>100MΩ	
302	CIR-48 wrt CIP-34		Contact Input-R wrt Dry cmds contact and Inst Live	> 100MΩ	>100MΩ	>100MΩ
303	CIR-48 wrt CIP-35			> 100MΩ	>100MΩ	>100MΩ
304	CIR-48 wrt CIP-24	> 100MΩ		>100MΩ	>100MΩ	
305	CIR-48 wrt CIP-37	> 100MΩ		>100MΩ	>100MΩ	
306	CIR-48 wrt CIP-38	> 100MΩ		>100MΩ	>100MΩ	
307	CIR-48 wrt CIP-39	> 100MΩ		>100MΩ	>100MΩ	
308	CIR-48 wrt CIP-40	> 100MΩ		>100MΩ	>100MΩ	
309	CIR-48 wrt CIP-42	> 100MΩ		>100MΩ	>100MΩ	
310	CIR-48 wrt CIP-43	> 100MΩ		>100MΩ	>100MΩ	
311	CIR-48 wrt CIP-49	> 100MΩ		>100MΩ	>100MΩ	
312	CIR-48 wrt CIR-24	> 100MΩ		>100MΩ	>100MΩ	
313	CIR-48 wrt CIR-39	> 100MΩ		>100MΩ	>100MΩ	
314	CIR-48 wrt CIP-47	Contact Input-R wrt Coil Input-P	> 100MΩ	>100MΩ	>100MΩ	
315	CIR-48 wrt CIR-47	Contact Input-R wrt Coil Input-R	> 100MΩ	>100MΩ	>100MΩ	
316	CIR-48 wrt CIP-48	Contact Input-R wrt Contact Input-P	> 10MΩ	46.654MΩ	>100MΩ	
317	CIP-34 wrt CIP-35	Isolation between dry contact inputs and Inst live	> 100MΩ	>100MΩ	>100MΩ	
318	CIP-34 wrt CIP-36		> 100MΩ	>100MΩ	>100MΩ	
319	CIP-34 wrt CIP-37		> 100MΩ	>100MΩ	>100MΩ	
320	CIP-34 wrt CIP-38		> 100MΩ	>100MΩ	>100MΩ	
321	CIP-34 wrt CIP-39		> 100MΩ	>100MΩ	>100MΩ	
322	CIP-34 wrt CIP-40		> 100MΩ	>100MΩ	>100MΩ	
323	CIP-34 wrt CIP-41		> 100MΩ	>100MΩ	>100MΩ	
324	CIP-34 wrt CIP-42		> 100MΩ	>100MΩ	>100MΩ	
325	CIP-34 wrt CIP-43		> 100MΩ	>100MΩ	>100MΩ	
326	CIP-34 wrt CIP-49		> 100MΩ	>100MΩ	>100MΩ	
327	CIP-34 wrt CIR-36		> 100MΩ	>100MΩ	>100MΩ	
328	CIP-35 wrt CIP-36		> 100MΩ	>100MΩ	>100MΩ	
329	CIP-35 wrt CIP-37		> 100MΩ	>100MΩ	>100MΩ	
330	CIP-35 wrt CIP-38		> 100MΩ	>100MΩ	>100MΩ	
331	CIP-35 wrt CIP-39		> 100MΩ	>100MΩ	>100MΩ	
332	CIP-35 wrt CIP-40		> 100MΩ	>100MΩ	>100MΩ	
333	CIP-35 wrt CIP-41		> 100MΩ	>100MΩ	>100MΩ	
334	CIP-35 wrt CIP-42		> 100MΩ	>100MΩ	>100MΩ	
335	CIP-35 wrt CIP-43		> 100MΩ	>100MΩ	>100MΩ	

336	CIP-35 wrt CIP-49		> 100MΩ	>100MΩ	>100MΩ
337	CIP-35 wrt CIR-36		> 100MΩ	>100MΩ	>100MΩ
338	CIP-36 wrt CIP-37		> 100MΩ	>100MΩ	>100MΩ
339	CIP-36 wrt CIP-38		> 100MΩ	>100MΩ	>100MΩ
340	CIP-36 wrt CIP-39		> 100MΩ	>100MΩ	>100MΩ
341	CIP-36 wrt CIP-40		> 100MΩ	>100MΩ	>100MΩ
342	CIP-36 wrt CIP-41		> 100MΩ	>100MΩ	>100MΩ
343	CIP-36 wrt CIP-42		> 100MΩ	>100MΩ	>100MΩ
344	CIP-36 wrt CIP-43		> 100MΩ	>100MΩ	>100MΩ
345	CIP-36 wrt CIP-49		> 100MΩ	>100MΩ	>100MΩ
346	CIP-36 wrt CIR-36		> 100MΩ	>100MΩ	>100MΩ
347	CIP-37 wrt CIP-38		> 100MΩ	>100MΩ	>100MΩ
348	CIP-37 wrt CIP-39		> 100MΩ	>100MΩ	>100MΩ
349	CIP-37 wrt CIP-40		> 100MΩ	>100MΩ	>100MΩ
350	CIP-37 wrt CIP-41		> 100MΩ	>100MΩ	>100MΩ
351	CIP-37 wrt CIP-42		> 100MΩ	>100MΩ	>100MΩ
352	CIP-37 wrt CIP-43		> 100MΩ	>100MΩ	>100MΩ
353	CIP-37 wrt CIP-49		> 100MΩ	>100MΩ	>100MΩ
354	CIP-37 wrt CIR-36		> 100MΩ	>100MΩ	>100MΩ
355	CIP-38 wrt CIP-39		> 100MΩ	>100MΩ	>100MΩ
356	CIP-38 wrt CIP-40		> 100MΩ	>100MΩ	>100MΩ
357	CIP-38 wrt CIP-41		> 100MΩ	>100MΩ	>100MΩ
358	CIP-38 wrt CIP-42		> 100MΩ	>100MΩ	>100MΩ
359	CIP-38 wrt CIP-43		> 100MΩ	>100MΩ	>100MΩ
360	CIP-38 wrt CIP-49		> 100MΩ	>100MΩ	>100MΩ
361	CIP-38 wrt CIR-36		> 100MΩ	>100MΩ	>100MΩ
362	CIP-39 wrt CIP-40		> 100MΩ	>100MΩ	>100MΩ
363	CIP-39 wrt CIP-41		> 100MΩ	>100MΩ	>100MΩ
364	CIP-39 wrt CIP-42		> 100MΩ	>100MΩ	>100MΩ
365	CIP-39 wrt CIP-43		> 100MΩ	>100MΩ	>100MΩ
366	CIP-39 wrt CIP-49		> 100MΩ	>100MΩ	>100MΩ
367	CIP-39 wrt CIR-36		> 100MΩ	>100MΩ	>100MΩ
368	CIP-40 wrt CIP-41		> 100MΩ	>100MΩ	>100MΩ
369	CIP-40 wrt CIP-42		> 100MΩ	>100MΩ	>100MΩ
370	CIP-40 wrt CIP-43		> 100MΩ	>100MΩ	>100MΩ
371	CIP-40 wrt CIP-49		> 100MΩ	>100MΩ	>100MΩ
372	CIP-40 wrt CIR-36		> 100MΩ	>100MΩ	>100MΩ
373	CIP-41 wrt CIP-42		> 100MΩ	>100MΩ	>100MΩ
374	CIP-41 wrt CIP-43		> 100MΩ	>100MΩ	>100MΩ
375	CIP-41 wrt CIP-49		> 100MΩ	>100MΩ	>100MΩ
376	CIP-41 wrt CIR-36		> 100MΩ	>100MΩ	>100MΩ
377	CIP-42 wrt CIP-43		> 100MΩ	>100MΩ	>100MΩ
378	CIP-42 wrt CIP-49		> 100MΩ	>100MΩ	>100MΩ
379	CIP-42 wrt CIR-36		> 100MΩ	>100MΩ	>100MΩ
380	CIP-43 wrt CIP-49		> 100MΩ	>100MΩ	>100MΩ
381	CIP-43 wrt CIR-36		> 100MΩ	>100MΩ	>100MΩ
382	CIP-49 wrt CIR-36		> 100MΩ	>100MΩ	>100MΩ
383	All pins with respect to chassis		> 100MΩ	> 100MΩ	> 100MΩ
384	All connectormounting posts wrt chassis		< 100mΩ	< 100mΩ	< 100mΩ
<b>Issue Spare Cmd ON - CIP-47 wrt CIP-20</b>					
385	CIP-49 w.r.t. PO-16	+5V & ST.MON	1.47kΩ±2%	1.472kΩ	1.472kΩ