

List of connectors in the Package

1.CIP,CIR=15/M

2.PO,RO=9F

3.CP=37 F Checklist of SPS GLS\_GS2HTSS

GSHTSS Card : Continuity Test Results

Sl.No	PIN Details	Description	Expected	ISRC	FSRC
1	CIP-1 wrt CIR-1	SSCV Open (Gnd) C/O L	0.1Ω -0.25Ω	157mΩ	158mΩ
2	CIP-2 wrt CIR-2	SSCV Open (Onboard) CMD	0.1Ω -0.25Ω	146mΩ	144mΩ
3	CIP-3 wrt CIR-3	SSCV Close (Gnd) C/O L	0.4Ω -0.7Ω	511mΩ	505mΩ
4	CIP-4 wrt CIR-4	Spare Close (Onboard) CMD	0.5Ω -0.9Ω	681mΩ	674mΩ
5	CIP-7 wrt CIR-7	Valve Bat Rtn-P &R	0.1Ω -0.25Ω	195mΩ	193mΩ
6	CIP-7 wrt CIP-8	Valve Bat Rtn-P	<100mΩ	11mΩ	9mΩ
7	CIR-7 wrt CIR-8	Valve Bat Rtn-R	<100mΩ	10mΩ	10mΩ
8	CIP-8 wrt CIR-8	Valve Bat Rtn-P &R	0.1Ω -0.4Ω	198mΩ	196mΩ
9	CIP-5 wrt CIP-13	28V(P) contact Live	<100mΩ	8mΩ	7mΩ
10	CIR-5 wrt CIR-13	28V(R) contact Live	<100mΩ	8mΩ	8mΩ
11	CIP-9 wrt CIR-9	SSCV Open (Gnd) C/O L	0.15Ω -0.5Ω	278mΩ	274mΩ
12	CIP-10 wrt CIR-10	SSCV Open (Onboard) CMD/	0.2Ω -0.6Ω	435mΩ	430mΩ
13	CIP-11 wrt CIR-11	SSCV Close (Gnd) C/O L	0.2Ω -0.6Ω	381mΩ	378mΩ
14	CIP-12 wrt CIR-12	Spare Close (Onboard) CMD/	0.6Ω -1Ω	809mΩ	801mΩ
15	CIP14 wrt CIR14	+28V Coil Supply-P	0.4Ω -0.8Ω	596mΩ	591mΩ
16	CIP15 wrt CIR15	+28V Coil Supply-R	0.5Ω -0.9Ω	718mΩ	711mΩ
17	PO-1 wrt RO-1	SSCV Open Coil (+)	0 -0.2Ω	98mΩ	96mΩ
18	PO-2 wrt RO-2	SSCV Open Coil (+)	0 -0.1Ω	52mΩ	52mΩ
19	PO-3 wrt RO-3	SSCV Close Coil (+)	0 -0.2Ω	113mΩ	112mΩ
20	PO-4 wrt RO-4	SSCV Close Coil (+)	0-0.15Ω	82mΩ	82mΩ
21	PO-6 wrt RO-6	SSCV Open Coil (-)	0.1Ω -0.4Ω	140mΩ	138mΩ
22	PO-7 wrt RO-7	SSCV Open Coil (-)	0-0.15Ω	93mΩ	92mΩ
23	PO-8 wrt RO-8	SSCV Close Coil (-)	0-0.15Ω	86mΩ	85mΩ
24	PO-9 wrt RO-9	Spare Close Coil (-)	0-0.15Ω	82mΩ	81mΩ
25	CIP-6 wrt CP-37	SSCV Open (Gnd) C/O H	<100mΩ	47mΩ	49mΩ
26	CIR-6 wrt CP-36	SSCV Close (Gnd) C/O H	<100mΩ	61mΩ	61mΩ
27	PO-1 wrt PO-2	SSCV Open Coil (+)	<100mΩ	15mΩ	15mΩ
28	PO-8 wrt PO-9	SSCV Close Coil (-)	<100mΩ	14mΩ	15mΩ
29	PO-6 wrt PO-7	SSCV Open Coil (-)	<100mΩ	14mΩ	14mΩ
30	PO-3 wrt PO-4	SSCV Close Coil (-)	<100mΩ	15mΩ	16mΩ
31	RO 3 wrt RO 6	SSCV Close coil (+) & SSCV Open coil (-)	<100mΩ	15mΩ	14mΩ
32	RO 4 wrt RO 7	SSCV Close coil (+) SSCV Open coil (-)	<100mΩ	14mΩ	14mΩ
33	RO 1 wrt RO 8	SSCV Open coil (+) & SSCV Close (-)	<100mΩ	16mΩ	16mΩ
34	RO 2 wrt RO 9	SSCV Open coil (+) & SSCV Close coil (-)	<100mΩ	17mΩ	16mΩ
35	CIP-6 wrt CIR-6	SSCV Open (Gnd) C/O H & SSCV Close (Gnd) C/O H	>100MΩ	>100MΩ	>100MΩ
36	CIP-14 wrt CIP-6	+28V Coil Supply P & SSCV Open (Gnd) C/O H	>100MΩ	>100MΩ	>100MΩ
37	CIP-15 wrt CIP-6	+28V Coil Supply R & SSCV Open (Gnd) C/O H	>100MΩ	>100MΩ	>100MΩ

38	CIR-14 wrt CIR-6	+28V Coil Supply P & SSCV Close (Gnd) C/O H	>100MΩ	>100MΩ	>100MΩ
39	CIR-15 wrt CIR-6	+28V Coil Supply R & SSCV Close (Gnd) C/O H	>100MΩ	>100MΩ	>100MΩ
40	CIP-14 wrt CIP-15	+28V Coil Supply P & +28V Coil Supply R	>100MΩ	>100MΩ	>100MΩ
41	CIP-15 wrt CIP-14	+28V Coil Supply R & +28V Coil Supply P	>100MΩ	>100MΩ	>100MΩ
42	CIP-5 wrt CIR-5	Contact Live(P) & Contact Live (R)	>10MΩ	35.46MΩ	44.724MΩ
43	CIP-5 wrt CIP-7	Contact Live(P) & Contact Rtn(P)	>100MΩ	>100MΩ	>100MΩ
44	CIP-5 wrt CIP-14	Contact Live(P) & +28V Coil Supply Live(P)	>100MΩ	>100MΩ	>100MΩ
45	CIP-5 wrt CIR-7	Contact Live(P) & Contact Rtn(R)	>100MΩ	>100MΩ	>100MΩ
46	CIP-5 wrt CIP-15	Contact Live(P) & +28V Coil Supply Live (R)	>100MΩ	>100MΩ	>100MΩ
47	CIP-5 wrt CP-1	Contact Live(P) & all midpoints	>100MΩ	>100MΩ	>100MΩ
48	CIP-5 wrt CP-2		>100MΩ	>100MΩ	>100MΩ
49	CIP-5 wrt CP-3		>100MΩ	>100MΩ	>100MΩ
50	CIP-5 wrt CP-4		>100MΩ	>100MΩ	>100MΩ
51	CIP-5 wrt CP-5		>100MΩ	>100MΩ	>100MΩ
52	CIP-5 wrt CP-6		>100MΩ	>100MΩ	>100MΩ
53	CIP-5 wrt CP-7		>100MΩ	>100MΩ	>100MΩ
54	CIP-5 wrt CP-8		>100MΩ	>100MΩ	>100MΩ
55	CIP-5 wrt CP-9		>100MΩ	>100MΩ	>100MΩ
56	CIP-5 wrt CP-10		>100MΩ	>100MΩ	>100MΩ
57	CIP-5 wrt CP-11		>100MΩ	>100MΩ	>100MΩ
58	CIP-5 wrt CP-12		>100MΩ	>100MΩ	>100MΩ
59	CIP-5 wrt CP-13		>100MΩ	>100MΩ	>100MΩ
60	CIP-5 wrt CP-14		>100MΩ	>100MΩ	>100MΩ
61	CIP-5 wrt CP-15		>100MΩ	>100MΩ	>100MΩ
62	CIP-5 wrt CP-16		>100MΩ	>100MΩ	>100MΩ
63	CIP-5 wrt CP-17		>100MΩ	>100MΩ	>100MΩ
64	CIP-5 wrt CP-18		>100MΩ	>100MΩ	>100MΩ
65	CIP-5 wrt CP-19		>100MΩ	>100MΩ	>100MΩ
66	CIP-5 wrt CP-20		>100MΩ	>100MΩ	>100MΩ
67	CIP-5 wrt CP-21	Contact Live(P) & all midpoints	>100MΩ	>100MΩ	>100MΩ
68	CIP-5 wrt CP-22		>100MΩ	>100MΩ	>100MΩ
69	CIP-5 wrt CP-23		>100MΩ	>100MΩ	>100MΩ
70	CIP-5 wrt CP-24		>100MΩ	>100MΩ	>100MΩ
71	CIP-5 wrt CP-25		>100MΩ	>100MΩ	>100MΩ
72	CIP-5 wrt CP-26		>100MΩ	>100MΩ	>100MΩ
73	CIP-5 wrt CP-27		>100MΩ	>100MΩ	>100MΩ
74	CIP-5 wrt CP-28		>100MΩ	>100MΩ	>100MΩ
75	CIP-5 wrt CP-29		>100MΩ	>100MΩ	>100MΩ
76	CIP-5 wrt CP-30		>100MΩ	>100MΩ	>100MΩ
77	CIP-5 wrt CP-31		>100MΩ	>100MΩ	>100MΩ
78	CIP-5 wrt CP-32		>100MΩ	>100MΩ	>100MΩ

79	CIP-5 wrt CP-33		>100MΩ	>100MΩ	>100MΩ
80	CIP-5 wrt CP-34		>100MΩ	>100MΩ	>100MΩ
81	CIP-5 wrt CP-35		>100MΩ	>100MΩ	>100MΩ
82	CIP-5 wrt CP-36		>100MΩ	>100MΩ	>100MΩ
83	CIP-5 wrt CP-37		>100MΩ	>100MΩ	>100MΩ
84	CIP-5 wrt PO-1	Contact Live(P) & all prime outputs	>100MΩ	>100MΩ	>100MΩ
85	CIP-5 wrt PO-2		>100MΩ	>100MΩ	>100MΩ
86	CIP-5 wrt PO-3		>100MΩ	>100MΩ	>100MΩ
87	CIP-5 wrt PO-4		>100MΩ	>100MΩ	>100MΩ
88	CIP-5 wrt PO-5		>100MΩ	>100MΩ	>100MΩ
89	CIP-5 wrt PO-6		>100MΩ	>100MΩ	>100MΩ
90	CIP-5 wrt PO-7		>100MΩ	>100MΩ	>100MΩ
91	CIP-5 wrt PO-8		>100MΩ	>100MΩ	>100MΩ
92	CIP-5 wrt PO-9		>100MΩ	>100MΩ	>100MΩ
93	CIP-5 wrt RO-1	Contact Live(P) & all redundant outputs	>100MΩ	>100MΩ	>100MΩ
94	CIP-5 wrt RO-2		>100MΩ	>100MΩ	>100MΩ
95	CIP-5 wrt RO-3		>100MΩ	>100MΩ	>100MΩ
96	CIP-5 wrt RO-4		>100MΩ	>100MΩ	>100MΩ
97	CIP-5 wrt RO-5		>100MΩ	>100MΩ	>100MΩ
98	CIP-5 wrt RO-6		>100MΩ	>100MΩ	>100MΩ
99	CIP-5 wrt RO-7		>100MΩ	>100MΩ	>100MΩ
100	CIP-5 wrt RO-8		>100MΩ	>100MΩ	>100MΩ
101	CIP-5 wrt RO-9		>100MΩ	>100MΩ	>100MΩ
102	CIR-5 wrt CIP-5	Contact Live(P) & Contact Live(R)	>10MΩ	35.898MΩ	45.404MΩ
103	CIR-5 wrt CIP-7	Contact Live(R) & contact Rtn (P)	>100MΩ	>100MΩ	>100MΩ
104	CIR-5 wrt CIP-14	Contact Live(R) & 28V Coil Supply Live (P)	>100MΩ	>100MΩ	>100MΩ
105	CIR-5 wrt CIR-7	Contact Live(R) & contact Rtn(R)	>100MΩ	>100MΩ	>100MΩ
106	CIR-5 wrt CIP-15	Contact Live(R) & 28V Coil Supply Live (R)	>100MΩ	>100MΩ	>100MΩ
107	CIR-5 wrt CP-1	Contact Live(R) & all midpoints	>100MΩ	>100MΩ	>100MΩ
108	CIR-5 wrt CP-2		>100MΩ	>100MΩ	>100MΩ
109	CIR-5 wrt CP-3		>100MΩ	>100MΩ	>100MΩ
110	CIR-5 wrt CP-4		>100MΩ	>100MΩ	>100MΩ
111	CIR-5 wrt CP-5		>100MΩ	>100MΩ	>100MΩ
112	CIR-5 wrt CP-6		>100MΩ	>100MΩ	>100MΩ
113	CIR-5 wrt CP-7		>100MΩ	>100MΩ	>100MΩ
114	CIR-5 wrt CP-8		>100MΩ	>100MΩ	>100MΩ
115	CIR-5 wrt CP-9		>100MΩ	>100MΩ	>100MΩ
116	CIR-5 wrt CP-10	>100MΩ	>100MΩ	>100MΩ	
117	CIR-5 wrt CP-11	Contact Live(R) & all midpoints	>100MΩ	>100MΩ	>100MΩ
118	CIR-5 wrt CP-12		>100MΩ	>100MΩ	>100MΩ
119	CIR-5 wrt CP-13		>100MΩ	>100MΩ	>100MΩ
120	CIR-5 wrt CP-14		>100MΩ	>100MΩ	>100MΩ
121	CIR-5 wrt CP-15		>100MΩ	>100MΩ	>100MΩ
122	CIR-5 wrt CP-16		>100MΩ	>100MΩ	>100MΩ

123	CIR-5 wrt CP-17		>100MΩ	>100MΩ	>100MΩ
124	CIR-5 wrt CP-18		>100MΩ	>100MΩ	>100MΩ
125	CIR-5 wrt CP-19		>100MΩ	>100MΩ	>100MΩ
126	CIR-5 wrt CP-20		>100MΩ	>100MΩ	>100MΩ
127	CIR-5 wrt CP-21		>100MΩ	>100MΩ	>100MΩ
128	CIR-5 wrt CP-22		>100MΩ	>100MΩ	>100MΩ
129	CIR-5 wrt CP-23		>100MΩ	>100MΩ	>100MΩ
130	CIR-5 wrt CP-24		>100MΩ	>100MΩ	>100MΩ
131	CIR-5 wrt CP-25		>100MΩ	>100MΩ	>100MΩ
132	CIR-5 wrt CP-26		>100MΩ	>100MΩ	>100MΩ
133	CIR-5 wrt CP-27		>100MΩ	>100MΩ	>100MΩ
134	CIR-5 wrt CP-28		>100MΩ	>100MΩ	>100MΩ
135	CIR-5 wrt CP-29		>100MΩ	>100MΩ	>100MΩ
136	CIR-5 wrt CP-30		>100MΩ	>100MΩ	>100MΩ
137	CIR-5 wrt CP-31		>100MΩ	>100MΩ	>100MΩ
138	CIR-5 wrt CP-32		>100MΩ	>100MΩ	>100MΩ
139	CIR-5 wrt CP-33		>100MΩ	>100MΩ	>100MΩ
140	CIR-5 wrt CP-34		>100MΩ	>100MΩ	>100MΩ
141	CIR-5 wrt CP-35		>100MΩ	>100MΩ	>100MΩ
142	CIR-5 wrt CP-36	Contact Live(R) & all midpoints	>100MΩ	>100MΩ	>100MΩ
143	CIR-5 wrt CP-37		>100MΩ	>100MΩ	>100MΩ
144	CIR-5 wrt PO-1	Contact Live(R) & all prime outputs	>100MΩ	>100MΩ	>100MΩ
145	CIR-5 wrt PO-2		>100MΩ	>100MΩ	>100MΩ
146	CIR-5 wrt PO-3		>100MΩ	>100MΩ	>100MΩ
147	CIR-5 wrt PO-4		>100MΩ	>100MΩ	>100MΩ
148	CIR-5 wrt PO-5		>100MΩ	>100MΩ	>100MΩ
149	CIR-5 wrt PO-6		>100MΩ	>100MΩ	>100MΩ
150	CIR-5 wrt PO-7		>100MΩ	>100MΩ	>100MΩ
151	CIR-5 wrt PO-8		>100MΩ	>100MΩ	>100MΩ
152	CIR-5 wrt PO-9		>100MΩ	>100MΩ	>100MΩ
153	CIR-5 wrt RO-1	Contact Live(R) & all redundant outputs	>100MΩ	>100MΩ	>100MΩ
154	CIR-5 wrt RO-2		>100MΩ	>100MΩ	>100MΩ
155	CIR-5 wrt RO-3		>100MΩ	>100MΩ	>100MΩ
156	CIR-5 wrt RO-4		>100MΩ	>100MΩ	>100MΩ
157	CIR-5 wrt RO-5		>100MΩ	>100MΩ	>100MΩ
158	CIR-5 wrt RO-6		>100MΩ	>100MΩ	>100MΩ
159	CIR-5 wrt RO-7		>100MΩ	>100MΩ	>100MΩ
160	CIR-5 wrt RO-8		>100MΩ	>100MΩ	>100MΩ
161	CIR-5 wrt RO-9		>100MΩ	>100MΩ	>100MΩ
162	CIP-7 wrt CIP-5	Contact Rtn (P) & Contact Live(P)	>100MΩ	>100MΩ	>100MΩ
163	CIP-7 wrt CIR-5	Contact Rtn (P) & Contact Live(R)	>100MΩ	>100MΩ	>100MΩ
164	CIP-7 wrt CIP-14	Contact Rtn (P) & 28VCoil Live(P)	>100MΩ	>100MΩ	>100MΩ
165	CIP-7 wrt CIR-7	Contact Rtn (P) & Contact Rtn (R)	0.1Ω -0.25Ω	195mΩ	193mΩ
166	CIP-7 wrt CIP-15	Contact Rtn (P) & 28V coil live(R)	>100MΩ	>100MΩ	>100MΩ
167	CIP-7 wrt CP-1	Contact Rtn (P) & all midpoints	>100MΩ	>100MΩ	>100MΩ

168	CIP-7 wrt CP-2		>100MΩ	>100MΩ	>100MΩ
169	CIP-7 wrt CP-3		>100MΩ	>100MΩ	>100MΩ
170	CIP-7 wrt CP-4		>100MΩ	>100MΩ	>100MΩ
171	CIP-7 wrt CP-5		>100MΩ	>100MΩ	>100MΩ
172	CIP-7 wrt CP-6		>100MΩ	>100MΩ	>100MΩ
173	CIP-7 wrt CP-7		>100MΩ	>100MΩ	>100MΩ
174	CIP-7 wrt CP-8		>100MΩ	>100MΩ	>100MΩ
175	CIP-7 wrt CP-9		>100MΩ	>100MΩ	>100MΩ
176	CIP-7 wrt CP-10		>100MΩ	>100MΩ	>100MΩ
177	CIP-7 wrt CP-11		>100MΩ	>100MΩ	>100MΩ
178	CIP-7 wrt CP-12		>100MΩ	>100MΩ	>100MΩ
179	CIP-7 wrt CP-13		>100MΩ	>100MΩ	>100MΩ
180	CIP-7 wrt CP-14		>100MΩ	>100MΩ	>100MΩ
181	CIP-7 wrt CP-15		>100MΩ	>100MΩ	>100MΩ
182	CIP-7 wrt CP-16		>100MΩ	>100MΩ	>100MΩ
183	CIP-7 wrt CP-17		>100MΩ	>100MΩ	>100MΩ
184	CIP-7 wrt CP-18		>100MΩ	>100MΩ	>100MΩ
185	CIP-7 wrt CP-19		>100MΩ	>100MΩ	>100MΩ
186	CIP-7 wrt CP-20		>100MΩ	>100MΩ	>100MΩ
187	CIP-7 wrt CP-21		>100MΩ	>100MΩ	>100MΩ
188	CIP-7 wrt CP-22		>100MΩ	>100MΩ	>100MΩ
189	CIP-7 wrt CP-23		>100MΩ	>100MΩ	>100MΩ
190	CIP-7 wrt CP-24		>100MΩ	>100MΩ	>100MΩ
191	CIP-7 wrt CP-25		>100MΩ	>100MΩ	>100MΩ
192	CIP-7 wrt CP-26	Contact Rtn (P) & all midpoints	>100MΩ	>100MΩ	>100MΩ
193	CIP-7 wrt CP-27		>100MΩ	>100MΩ	>100MΩ
194	CIP-7 wrt CP-28		>100MΩ	>100MΩ	>100MΩ
195	CIP-7 wrt CP-29		>100MΩ	>100MΩ	>100MΩ
196	CIP-7 wrt CP-30		>100MΩ	>100MΩ	>100MΩ
197	CIP-7 wrt CP-31		>100MΩ	>100MΩ	>100MΩ
198	CIP-7 wrt CP-32		>100MΩ	>100MΩ	>100MΩ
199	CIP-7 wrt CP-33		>100MΩ	>100MΩ	>100MΩ
200	CIP-7 wrt CP-34		>100MΩ	>100MΩ	>100MΩ
201	CIP-7 wrt CP-35		>100MΩ	>100MΩ	>100MΩ
202	CIP-7 wrt CP-36	Contact Rtn (P) & all prime outputs	>100MΩ	>100MΩ	>100MΩ
203	CIP-7 wrt CP-37		>100MΩ	>100MΩ	>100MΩ
204	CIP-7 wrt PO-1		>100MΩ	>100MΩ	>100MΩ
205	CIP-7 wrt PO-2		>100MΩ	>100MΩ	>100MΩ
206	CIP-7 wrt PO-3		>100MΩ	>100MΩ	>100MΩ
207	CIP-7 wrt PO-4		>100MΩ	>100MΩ	>100MΩ
208	CIP-7 wrt PO-5	Contact Rtn (P) & all redundant outputs	>100MΩ	>100MΩ	>100MΩ
209	CIP-7 wrt PO-6		>100MΩ	>100MΩ	>100MΩ
210	CIP-7 wrt PO-7		>100MΩ	>100MΩ	>100MΩ
211	CIP-7 wrt PO-8		>100MΩ	>100MΩ	>100MΩ
212	CIP-7 wrt PO-9		>100MΩ	>100MΩ	>100MΩ
213	CIP-7 wrt RO-1	Contact Rtn (P) & all redundant outputs	>100MΩ	>100MΩ	>100MΩ
214	CIP-7 wrt RO-2		>100MΩ	>100MΩ	>100MΩ
215	CIP-7 wrt RO-3		>100MΩ	>100MΩ	>100MΩ
216	CIP-7 wrt RO-4		>100MΩ	>100MΩ	>100MΩ
217	CIP-7 wrt RO-5		>100MΩ	>100MΩ	>100MΩ

218	CIP-7 wrt RO-6		>100MΩ	>100MΩ	>100MΩ
219	CIP-7 wrt RO-7		>100MΩ	>100MΩ	>100MΩ
220	CIP-7 wrt RO-8		>100MΩ	>100MΩ	>100MΩ
221	CIP-7 wrt RO-9		>100MΩ	>100MΩ	>100MΩ
222	CIR-7 wrt CIP-5	Contact Rtn (R) & contact Live (P)	>100MΩ	>100MΩ	>100MΩ
223	CIR-7 wrt CIR-5	Contact Rtn (R) & contact Live (R)	>100MΩ	>100MΩ	>100MΩ
224	CIR-7 wrt CIP-14	Contact Rtn (R) & 28V coil live(P)	>100MΩ	>100MΩ	>100MΩ
225	CIR-7 wrt CIP-15	Contact Rtn (R) & 28V coil live(R)	>100MΩ	>100MΩ	>100MΩ
226	CIR-7 wrt CP-1		>100MΩ	>100MΩ	>100MΩ
227	CIR-7 wrt CP-2		>100MΩ	>100MΩ	>100MΩ
228	CIR-7 wrt CP-3		>100MΩ	>100MΩ	>100MΩ
229	CIR-7 wrt CP-4		>100MΩ	>100MΩ	>100MΩ
230	CIR-7 wrt CP-5		>100MΩ	>100MΩ	>100MΩ
231	CIR-7 wrt CP-6		>100MΩ	>100MΩ	>100MΩ
232	CIR-7 wrt CP-7		>100MΩ	>100MΩ	>100MΩ
233	CIR-7 wrt CP-8	Contact Rtn (R) & all midpoints	>100MΩ	>100MΩ	>100MΩ
234	CIR-7 wrt CP-9		>100MΩ	>100MΩ	>100MΩ
235	CIR-7 wrt CP-10		>100MΩ	>100MΩ	>100MΩ
236	CIR-7 wrt CP-11		>100MΩ	>100MΩ	>100MΩ
237	CIR-7 wrt CP-12		>100MΩ	>100MΩ	>100MΩ
238	CIR-7 wrt CP-13		>100MΩ	>100MΩ	>100MΩ
239	CIR-7 wrt CP-14		>100MΩ	>100MΩ	>100MΩ
240	CIR-7 wrt CP-15		>100MΩ	>100MΩ	>100MΩ
241	CIR-7 wrt CP-16		>100MΩ	>100MΩ	>100MΩ
242	CIR-7 wrt CP-17		>100MΩ	>100MΩ	>100MΩ
243	CIR-7 wrt CP-18		>100MΩ	>100MΩ	>100MΩ
244	CIR-7 wrt CP-19		>100MΩ	>100MΩ	>100MΩ
245	CIR-7 wrt CP-20		>100MΩ	>100MΩ	>100MΩ
246	CIR-7 wrt CP-21		>100MΩ	>100MΩ	>100MΩ
247	CIR-7 wrt CP-22		>100MΩ	>100MΩ	>100MΩ
248	CIR-7 wrt CP-23		>100MΩ	>100MΩ	>100MΩ
249	CIR-7 wrt CP-24		>100MΩ	>100MΩ	>100MΩ
250	CIR-7 wrt CP-25		>100MΩ	>100MΩ	>100MΩ
251	CIR-7 wrt CP-26		>100MΩ	>100MΩ	>100MΩ
252	CIR-7 wrt CP-27	Contact Rtn (R) & all midpoints	>100MΩ	>100MΩ	>100MΩ
253	CIR-7 wrt CP-28		>100MΩ	>100MΩ	>100MΩ
254	CIR-7 wrt CP-29		>100MΩ	>100MΩ	>100MΩ
255	CIR-7 wrt CP-30		>100MΩ	>100MΩ	>100MΩ
256	CIR-7 wrt CP-31		>100MΩ	>100MΩ	>100MΩ
257	CIR-7 wrt CP-32		>100MΩ	>100MΩ	>100MΩ
258	CIR-7 wrt CP-33		>100MΩ	>100MΩ	>100MΩ
259	CIR-7 wrt CP-34		>100MΩ	>100MΩ	>100MΩ
260	CIR-7 wrt CP-35		>100MΩ	>100MΩ	>100MΩ
261	CIR-7 wrt CP-36		>100MΩ	>100MΩ	>100MΩ
262	CIR-7 wrt CP-37		>100MΩ	>100MΩ	>100MΩ
263	CIR-7 wrt PO-1		>100MΩ	>100MΩ	>100MΩ

264	CIR-7 wrt PO-2	Contact Rtn (P) & all prime outputs	>100MΩ	>100MΩ	>100MΩ
265	CIR-7 wrt PO-3		>100MΩ	>100MΩ	>100MΩ
266	CIR-7 wrt PO-4		>100MΩ	>100MΩ	>100MΩ
267	CIR-7 wrt PO-5		>100MΩ	>100MΩ	>100MΩ
268	CIR-7 wrt PO-6		>100MΩ	>100MΩ	>100MΩ
269	CIR-7 wrt PO-7		>100MΩ	>100MΩ	>100MΩ
270	CIR-7 wrt PO-8		>100MΩ	>100MΩ	>100MΩ
271	CIR-7 wrt PO-9		>100MΩ	>100MΩ	>100MΩ
272	CIR-7 wrt RO-1		Contact Rtn (R) & all redundant outputs	>100MΩ	>100MΩ
273	CIR-7 wrt RO-2	>100MΩ		>100MΩ	>100MΩ
274	CIR-7 wrt RO-3	>100MΩ		>100MΩ	>100MΩ
275	CIR-7 wrt RO-4	>100MΩ		>100MΩ	>100MΩ
276	CIR-7 wrt RO-5	>100MΩ		>100MΩ	>100MΩ
277	CIR-7 wrt RO-6	>100MΩ		>100MΩ	>100MΩ
278	CIR-7 wrt RO-7	>100MΩ		>100MΩ	>100MΩ
279	CIR-7 wrt RO-8	>100MΩ		>100MΩ	>100MΩ
280	CIR-7 wrt RO-9	>100MΩ	>100MΩ	>100MΩ	
281	CIP-14 wrt CIP-5	28V coil Live (P) & contact Live(P)	>100MΩ	>100MΩ	>100MΩ
282	CIP-14 wrt CIR-5	28V coil Live (P) & contact Live(R)	>100MΩ	>100MΩ	>100MΩ
283	CIP-14 wrt CIP-7	28V coil Live (P) & contact Rtn(P)	>100MΩ	>100MΩ	>100MΩ
284	CIP-14 wrt CIR-7	28V coil Live (P) & contact Rtn(R)	>100MΩ	>100MΩ	>100MΩ
285	CIP-14 wrt CP-1	28V coil Live (P) & all midpoints	>100MΩ	>100MΩ	>100MΩ
286	CIP-14 wrt CP-2		>100MΩ	>100MΩ	>100MΩ
287	CIP-14 wrt CP-3		>100MΩ	>100MΩ	>100MΩ
288	CIP-14 wrt CP-4		>100MΩ	>100MΩ	>100MΩ
289	CIP-14 wrt CP-5		>100MΩ	>100MΩ	>100MΩ
290	CIP-14 wrt CP-6		>100MΩ	>100MΩ	>100MΩ
291	CIP-14 wrt CP-7		>100MΩ	>100MΩ	>100MΩ
292	CIP-14 wrt CP-8		28V coil Live (P) & all midpoints	>100MΩ	>100MΩ
293	CIP-14 wrt CP-9	>100MΩ		>100MΩ	>100MΩ
294	CIP-14 wrt CP-10	>100MΩ		>100MΩ	>100MΩ
295	CIP-14 wrt CP-11	>100MΩ		>100MΩ	>100MΩ
296	CIP-14 wrt CP-12	>100MΩ		>100MΩ	>100MΩ
297	CIP-14 wrt CP-13	>100MΩ		>100MΩ	>100MΩ
298	CIP-14 wrt CP-14	>100MΩ		>100MΩ	>100MΩ
299	CIP-14 wrt CP-15	>100MΩ		>100MΩ	>100MΩ
300	CIP-14 wrt CP-16	>100MΩ		>100MΩ	>100MΩ
301	CIP-14 wrt CP-17	>100MΩ		>100MΩ	>100MΩ
302	CIP-14 wrt CP-18	>100MΩ		>100MΩ	>100MΩ
303	CIP-14 wrt CP-19	>100MΩ		>100MΩ	>100MΩ
304	CIP-14 wrt CP-20	>100MΩ		>100MΩ	>100MΩ
305	CIP-14 wrt CP-21	>100MΩ		>100MΩ	>100MΩ
306	CIP-14 wrt CP-22	>100MΩ		>100MΩ	>100MΩ
307	CIP-14 wrt CP-23	>100MΩ		>100MΩ	>100MΩ
308	CIP-14 wrt CP-24	>100MΩ		>100MΩ	>100MΩ
309	CIP-14 wrt CP-25	>100MΩ	>100MΩ	>100MΩ	

310	CIP-14 wrt CP-26		>100MΩ	>100MΩ	>100MΩ
311	CIP-14 wrt CP-27		>100MΩ	>100MΩ	>100MΩ
312	CIP-14 wrt CP-28		>100MΩ	>100MΩ	>100MΩ
313	CIP-14 wrt CP-29		>100MΩ	>100MΩ	>100MΩ
314	CIP-14 wrt CP-30		>100MΩ	>100MΩ	>100MΩ
315	CIP-14 wrt CP-31		>100MΩ	>100MΩ	>100MΩ
316	CIP-14 wrt CP-32		>100MΩ	>100MΩ	>100MΩ
317	CIP-14 wrt CP-33	28V coil Live (P) & all midpoints	>100MΩ	>100MΩ	>100MΩ
318	CIP-14 wrt CP-34		>100MΩ	>100MΩ	>100MΩ
319	CIP-14 wrt CP-35		>100MΩ	>100MΩ	>100MΩ
320	CIP-14 wrt CP-36		>100MΩ	>100MΩ	>100MΩ
321	CIP-14 wrt CP-37		>100MΩ	>100MΩ	>100MΩ
322	CIP-14 wrt PO-1	28V coil Live (P) & all prime outputs	>100MΩ	>100MΩ	>100MΩ
323	CIP-14 wrt PO-2		>100MΩ	>100MΩ	>100MΩ
324	CIP-14 wrt PO-3		>100MΩ	>100MΩ	>100MΩ
325	CIP-14 wrt PO-4		>100MΩ	>100MΩ	>100MΩ
326	CIP-14 wrt PO-5		>100MΩ	>100MΩ	>100MΩ
327	CIP-14 wrt PO-6		>100MΩ	>100MΩ	>100MΩ
328	CIP-14 wrt PO-7		>100MΩ	>100MΩ	>100MΩ
329	CIP-14 wrt PO-8		>100MΩ	>100MΩ	>100MΩ
330	CIP-14 wrt PO-9		>100MΩ	>100MΩ	>100MΩ
331	CIP-14 wrt RO-1	28V coil Live (P) & all redundant outputs	>100MΩ	>100MΩ	>100MΩ
332	CIP-14 wrt RO-2		>100MΩ	>100MΩ	>100MΩ
333	CIP-14 wrt RO-3		>100MΩ	>100MΩ	>100MΩ
334	CIP-14 wrt RO-4		>100MΩ	>100MΩ	>100MΩ
335	CIP-14 wrt RO-5		>100MΩ	>100MΩ	>100MΩ
336	CIP-14 wrt RO-6		>100MΩ	>100MΩ	>100MΩ
337	CIP-14 wrt RO-7		>100MΩ	>100MΩ	>100MΩ
338	CIP-14 wrt RO-8		>100MΩ	>100MΩ	>100MΩ
339	CIP-14 wrt RO-9		>100MΩ	>100MΩ	>100MΩ
340	CIP-15 wrt CIP-5	28V coil Live (R) & contact Live(P)	>100MΩ	>100MΩ	>100MΩ
341	CIP-15 wrt CIR-5	28V coil Live (R) & contact Live(R)	>100MΩ	>100MΩ	>100MΩ
342	CIP-15 wrt CIP-7	28V coil Live (R) & contact Rtn(P)	>100MΩ	>100MΩ	>100MΩ
343	CIP-15 wrt CIR-7	28V coil Live (R) & contact Rtn(R)	>100MΩ	>100MΩ	>100MΩ
344	CIP-15 wrt CP-1	28V coil Live (R) & all midpoints	>100MΩ	>100MΩ	>100MΩ
345	CIP-15 wrt CP-2		>100MΩ	>100MΩ	>100MΩ
346	CIP-15 wrt CP-3		>100MΩ	>100MΩ	>100MΩ
347	CIP-15 wrt CP-4		>100MΩ	>100MΩ	>100MΩ
348	CIP-15 wrt CP-5		>100MΩ	>100MΩ	>100MΩ
349	CIP-15 wrt CP-6		>100MΩ	>100MΩ	>100MΩ
350	CIP-15 wrt CP-7		>100MΩ	>100MΩ	>100MΩ
351	CIP-15 wrt CP-8		>100MΩ	>100MΩ	>100MΩ
352	CIP-15 wrt CP-9		>100MΩ	>100MΩ	>100MΩ
353	CIP-15 wrt CP-10		>100MΩ	>100MΩ	>100MΩ
354	CIP-15 wrt CP-11		>100MΩ	>100MΩ	>100MΩ
355	CIP-15 wrt CP-12		>100MΩ	>100MΩ	>100MΩ



356	CIP-15 wrt CP-13		>100MΩ	>100MΩ	>100MΩ
357	CIP-15 wrt CP-14		>100MΩ	>100MΩ	>100MΩ
358	CIP-15 wrt CP-15		>100MΩ	>100MΩ	>100MΩ
359	CIP-15 wrt CP-16		>100MΩ	>100MΩ	>100MΩ
360	CIP-15 wrt CP-17		>100MΩ	>100MΩ	>100MΩ
361	CIP-15 wrt CP-18		>100MΩ	>100MΩ	>100MΩ
362	CIP-15 wrt CP-19		>100MΩ	>100MΩ	>100MΩ
363	CIP-15 wrt CP-20		>100MΩ	>100MΩ	>100MΩ
364	CIP-15 wrt CP-21		>100MΩ	>100MΩ	>100MΩ
365	CIP-15 wrt CP-22		>100MΩ	>100MΩ	>100MΩ
366	CIP-15 wrt CP-23		>100MΩ	>100MΩ	>100MΩ
367	CIP-15 wrt CP-24	28V coil Live (R) & all midpoints	>100MΩ	>100MΩ	>100MΩ
368	CIP-15 wrt CP-25		>100MΩ	>100MΩ	>100MΩ
369	CIP-15 wrt CP-26		>100MΩ	>100MΩ	>100MΩ
370	CIP-15 wrt CP-27		>100MΩ	>100MΩ	>100MΩ
371	CIP-15 wrt CP-28		>100MΩ	>100MΩ	>100MΩ
372	CIP-15 wrt CP-29		>100MΩ	>100MΩ	>100MΩ
373	CIP-15 wrt CP-30		>100MΩ	>100MΩ	>100MΩ
374	CIP-15 wrt CP-31		>100MΩ	>100MΩ	>100MΩ
375	CIP-15 wrt CP-32		>100MΩ	>100MΩ	>100MΩ
376	CIP-15 wrt CP-33		>100MΩ	>100MΩ	>100MΩ
377	CIP-15 wrt CP-34		>100MΩ	>100MΩ	>100MΩ
378	CIP-15 wrt CP-35		>100MΩ	>100MΩ	>100MΩ
379	CIP-15 wrt CP-36		>100MΩ	>100MΩ	>100MΩ
380	CIP-15 wrt CP-37		>100MΩ	>100MΩ	>100MΩ
381	CIP-15 wrt PO-1	28V coil Live (R) & all prime outputs	>100MΩ	>100MΩ	>100MΩ
382	CIP-15 wrt PO-2		>100MΩ	>100MΩ	>100MΩ
383	CIP-15 wrt PO-3		>100MΩ	>100MΩ	>100MΩ
384	CIP-15 wrt PO-4		>100MΩ	>100MΩ	>100MΩ
385	CIP-15 wrt PO-5		>100MΩ	>100MΩ	>100MΩ
386	CIP-15 wrt PO-6		>100MΩ	>100MΩ	>100MΩ
387	CIP-15 wrt PO-7		>100MΩ	>100MΩ	>100MΩ
388	CIP-15 wrt PO-8		>100MΩ	>100MΩ	>100MΩ
389	CIP-15 wrt PO-9		>100MΩ	>100MΩ	>100MΩ
390	CIP-15 wrt RO-1	28V coil Live (R) & all redundant outputs	>100MΩ	>100MΩ	>100MΩ
391	CIP-15 wrt RO-2		>100MΩ	>100MΩ	>100MΩ
392	CIP-15 wrt RO-3	28V coil Live (R) & all redundant outputs	>100MΩ	>100MΩ	>100MΩ
393	CIP-15 wrt RO-4		>100MΩ	>100MΩ	>100MΩ
394	CIP-15 wrt RO-5		>100MΩ	>100MΩ	>100MΩ
395	CIP-15 wrt RO-6		>100MΩ	>100MΩ	>100MΩ
396	CIP-15 wrt RO-7		>100MΩ	>100MΩ	>100MΩ
397	CIP-15 wrt RO-8		>100MΩ	>100MΩ	>100MΩ
398	CIP-15 wrt RO-9		>100MΩ	>100MΩ	>100MΩ
399	All pins with respect to chassis		>100MΩ	>100MΩ	>100MΩ
400	All connector mounting posts wrt chassis		<100mΩ	<100mΩ	>100MΩ