

Checklist of CEM BS LIVE_PYRO5_1

ANNEXURE-1

Continuity & Isolation Tests

**Note: SHORT specified implies a resistance of <100mΩ&
OPEN specified implies a resistance of >100MΩ, unless specified otherwise.**

PYRO5-1 Card

SINo.	PIN DETAILS	DESCRIPTION	EXPECTED	OBSERVED	
				ISRC	FSRC
1	CIP-1 wrt CIR-1	PSOM 1&2 IGN cmd	SHORT <1.5Ω	381mΩ	384mΩ
2	CIP-2 wrt CIR-2	PSOM 1&2 SEP cmd	SHORT <1.5Ω	355mΩ	358mΩ
3	CIP-5 wrt CIR-5	PSOM 1&2 IGN cmd/	SHORT <1.5Ω	459mΩ	460mΩ
4	CIP-6 wrt CIR-6	PSOM 1&2 SEP cmd/	SHORT <1.5Ω	441mΩ	450mΩ
5	CIP-7 wrt CIR-7	Spare cmd	>100MΩ	>100MΩ	>100MΩ
6	CIP-9 wrt CIR-9	Spare cmd/	>100MΩ	>100MΩ	>100MΩ
7	CIP-14 wrt CIP-15	28V Coil supply	SHORT	9mΩ	10mΩ
8	CIR-14 wrt CIR-15	28V Coil supply	SHORT	3mΩ	3mΩ
9	PO-1 wrt PO-3	Command o/ps	0.8Ω to 1.1Ω	893mΩ	890mΩ
10	PO-5 wrt PO-7	Command o/ps	0.8Ω to 1.1Ω	868mΩ	868mΩ
11	RO-1 wrt RO-3	Command o/ps	0.8Ω to 1.1Ω	838mΩ	837mΩ
12	RO-5 wrt RO-7	Command o/ps	0.8Ω to 1.1Ω	896mΩ	894mΩ
13	PO-9 wrt PO-11	Command o/ps	1.25Ω to 1.5Ω	1.349Ω	1.349Ω
14	PO-13 wrt PO-15	Command o/ps	1.25Ω to 1.5Ω	1.285Ω	1.283Ω
15	RO-9 wrt RO-11	Command o/ps	1.25Ω to 1.5Ω	1.303Ω	1.304Ω
16	RO-13 wrt RO-15	Command o/ps	1.25Ω to 1.5Ω	1.333Ω	1.334Ω
17	PO-18 wrt RO-18	Command o/ps	>100MΩ	>100MΩ	>100MΩ
18	PO-19 wrt RO-19	Command o/ps	>100MΩ	>100MΩ	>100MΩ
19	CIP-14 wrt CIR-14	Relay Coil-P wrt R	>100MΩ	>100MΩ	>100MΩ
20	CIR-14 wrt CIP-14	Relay Coil-R wrt P	>100MΩ	>100MΩ	>100MΩ
21	CIP-14 wrt CP-1 to 20	Relay Coil (P) wrt contact midpoints	>100MΩ	>100MΩ	>100MΩ
22	CIP-14 wrt PO-1 to 20	Relay Coil (P) wrt contact	>100MΩ	>100MΩ	>100MΩ
23	CIP-14 wrt RO-1 to 20	Relay Coil (P) wrt contact	>100MΩ	>100MΩ	>100MΩ
24	CIR-14 wrt CP-1 to 20	Relay Coil (R) wrt contact midpoints	>100MΩ	>100MΩ	>100MΩ
25	CIR-14 wrt PO-1 to 20	Relay Coil (R) wrt contact	>100MΩ	>100MΩ	>100MΩ
26	CIR-14 wrt RO-1 to 20	Relay Coil (R) wrt contact	>100MΩ	>100MΩ	>100MΩ
All pins with respect to Chassis			>100MΩ	>100MΩ	>100MΩ
All connector mounting posts wrt chassis			<100mΩ	<100mΩ	<100mΩ

List of Connectors in the package

1. CP,RO,PO=25 pin Female
2. CIP,CIR=15 pin Male