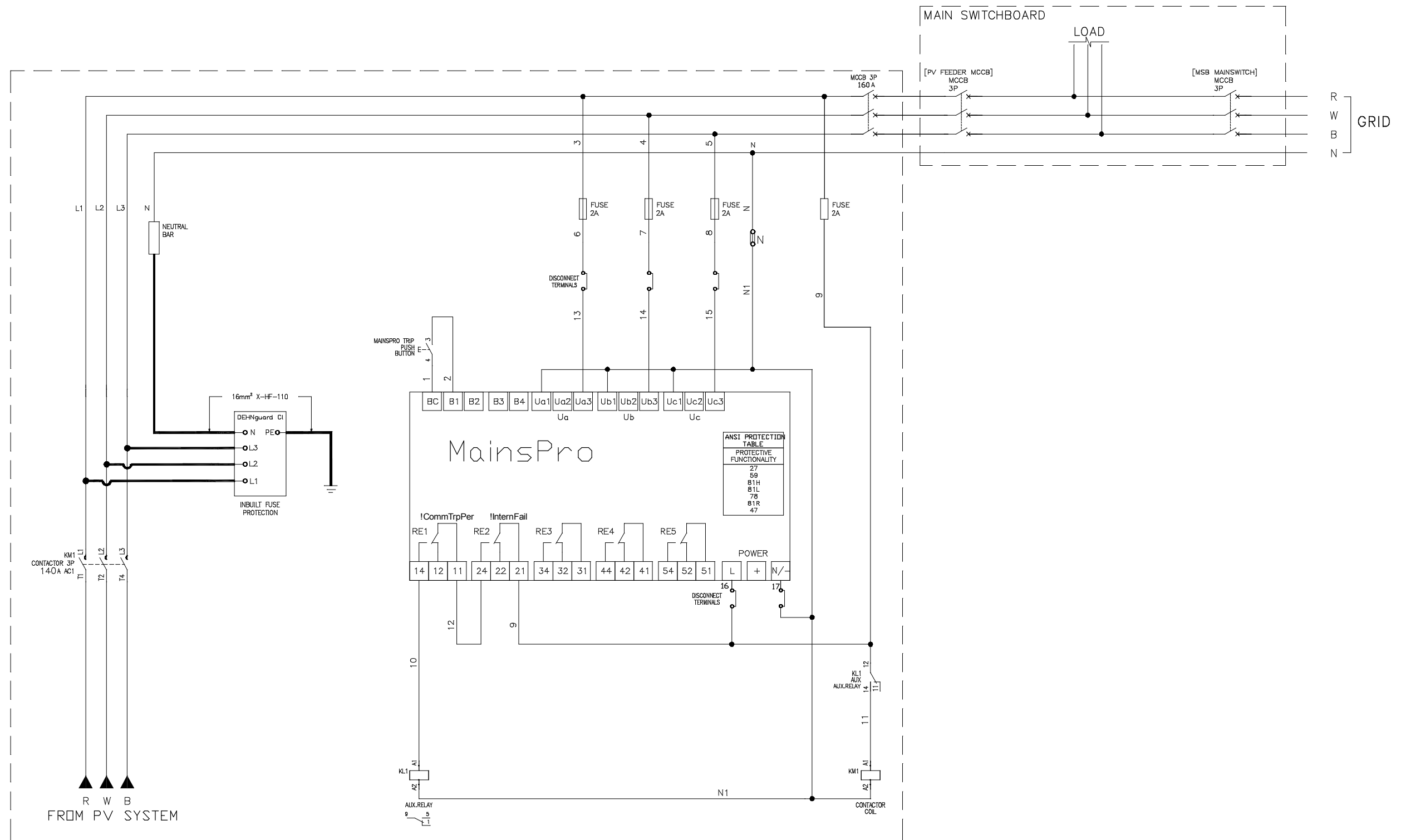
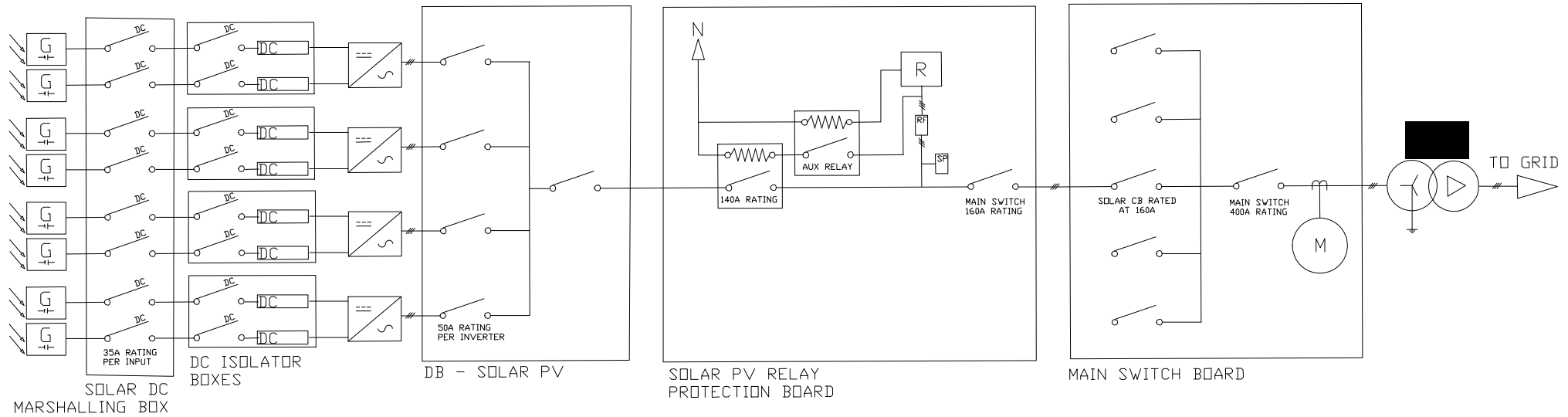


[REDACTED]

1. Technology: Solar PV
2. Maximum Power: 100 kW
3. Contribution to fault levels: N/A
4. Size & rating of the relevant Transformer: N/A
5. Single line diagram: refer to following page
6. Protection Systems & Communication Systems: refer to following page
7. Voltage Control and reactive power capability: N/A
8. Details specific to the location of facility: N/A



REVISION	DATE	TITLE:
1	FOR APPROVAL	04/11/15
2		
3		
4		
5		
		RELAY SCHEMATIC DIAGRAM FOR 99.83KW SOLAR POWER SYSTEM FOR [REDACTED]
		DATE CREATED: 04/11/15
		ENGINEER: [REDACTED]
		PROJECT: COLCRA002
		EDITION A
		SHEET 1



**LEGEND**

SOLAR ARRAY CONSISTING OF JINKO 260W PV MODULES

PROTECTION RELAY

DOUBLE POLE DC ISOLATOR

NORMALLY OPEN CONTACTOR  
140A RATING

DC FUSE (15 AMP RATING)

25kW / 20kW SMA 3-PHASE SOLAR INVERTER

11kV/433V TRANSFORMER

3-PHASE AC CIRCUIT BREAKER

3-PHASE BI-DIRECTIONAL METER

SURGE PROTECTION

RELAY FUSE (2 AMP)

REVISION	DATE	TITLE:	
1	30/06/15	SINGLE LINE DIAGRAM FOR 100KW SOLAR POWER SYSTEM FOR [REDACTED]	
2			
3			
4		DATE CREATED: 30/06/15	
5		ENGINEER: [REDACTED]	
SYSTEM INSTALLED BY: AUTONOMOUS ENERGY PTY LTD		PROJECT: [REDACTED]	EDITION A
			SHEET 1