

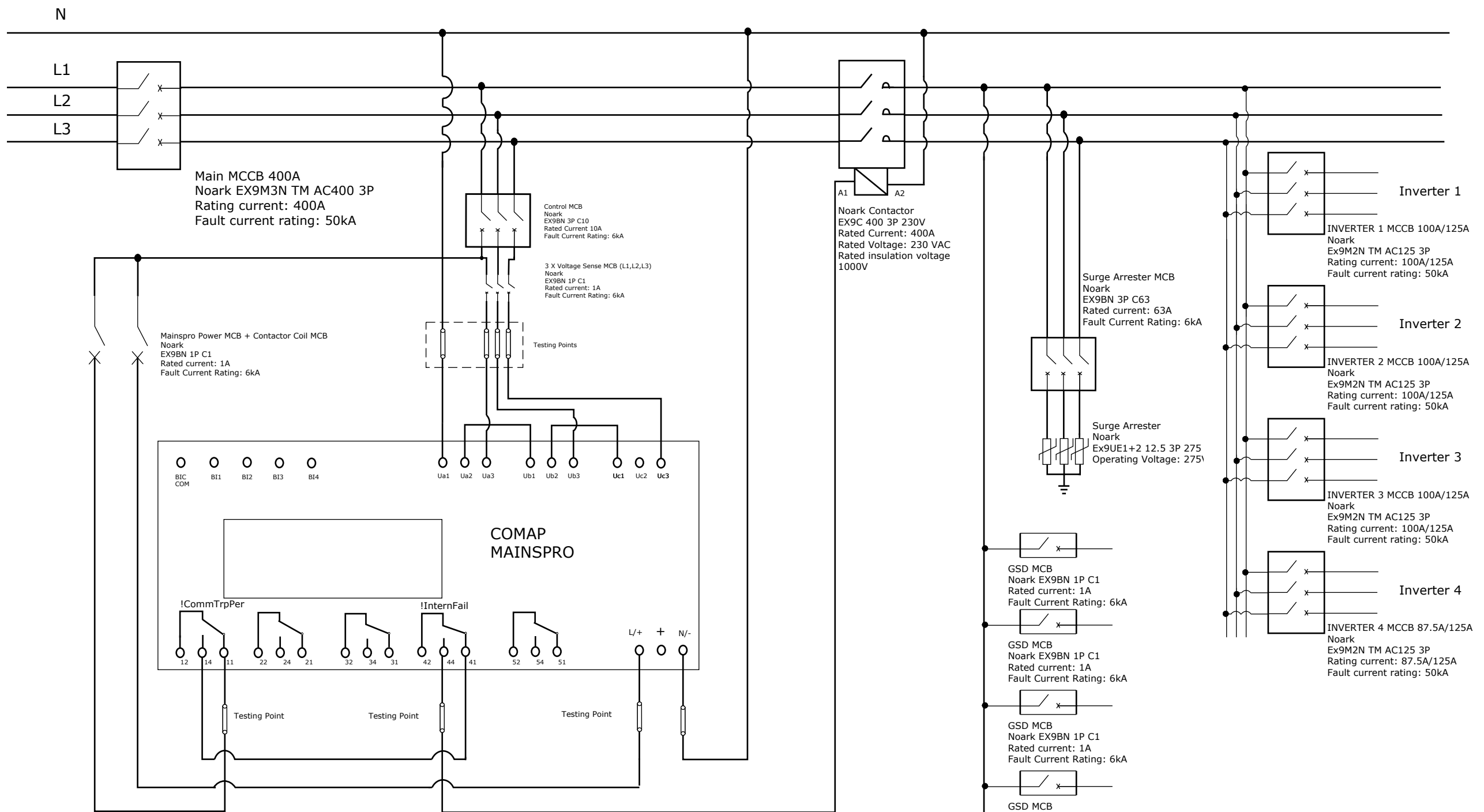


Table 7 IES GPR Functions and settings

Protection functional description	ANSI/IEEE C37.2 Code	IEC 60617 Code	Default Setting	Time Delay
Level 1 backup protection				
Under voltage 2 (UV)	27P	U<	70 V _{i-n}	3.0 s
Under voltage 1 (UV)	27P	U<	180 V _{i-n}	12.0 s
Over voltage (OV)	59P	U>	275 V _{i-n}	0.2 s
Under frequency (UF)	81U	f<	47 Hz	3.0 s
Over frequency (OF)	81O	f>	52 Hz	2.0 s
Rate of change of frequency (ROCOF)	81R	df/dt	±4 Hz/s	0.5 s ¹

Note 1: Sampling period for calculation of ROCOF specific to the GPR can be additional to the time delay setting.

CONSULTANT

CLIENTS

DRAW BY

PROJECT

23-1173
Noark

SHEET TITLE

SHEET NAME

NOTES

- All works shall comply with: AS3000, AS3006, AS5033, AS4777, CEC Guidelines, Supply Authority Service & Installation Rules and local authority guidelines.
- Ensure system is labelled to AS5033, AS4777.1, CEC guidelines and relevant state requirements.
- POC design and material supply should be inline with connection agreement.

SCALE

1 mm = 1000 mm

COORDINATION

☒ Electrical ☐ Mechanical ☐ Other
☐ Structural ☐ Data

☐ FOR CONSTRUCTION

☐ PROGRESS DRAWING

REVISION	REMARKS
1	
2	
3	

REVIEW	DS	APPROVAL

REVISION

V 1.0

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