

Allume SolShare Wiring Schematic UK

Version D1

To be used alongside:

- Allume SolShare Design and Installation Guide UK
- Allume SolShare Installation Manual UK

Key:

- 1 – DC isolator from panels
- 2 – DC cable, inverter input
- 3 – Inverter
- 4 – AC inverter output / SolShare input (4c+e)
- 5 – Inverter supply main switch
- 6 – SolShare output earth connected to common earthing terminal
- 7 – SolShare output neutral connected to the building main neutral terminal
- 8 – 15 single-phase output connections (5 on L1, 5 on L2, 5 on L3)
- 9 – SolShare maintenance circuit breakers (single-phase)
- 10 – One single-phase output from the SolShare
- 11 – The remaining 14 single-phase SolShare outputs to be connected to other flats
- 12 – DNO single-phase cut out
- 13 – Utility electricity meter
- 14 – Three-pole meter isolator (live and neutral from grid + live from SolShare output)
- 15 – Solar point of supply
- 16 – Consumer unit
- 17 – SolShare monitoring CT

Note: The cabling between the **SolShare** and **9** must be rated to receive the full current rating of the inverter output as all power can be directed to one output.

Note: The thermal capacity of the cabling from **9** to **14** must be determined by the appropriate Earth Fault Loop impedance for the DNO fuse within **12**.

Note: The output phase of the SolShare **must match** the flat's phase.

