

## Conducted RF Application Note 03

### Testing Requirements Three Phase Mains to IEC61000-4-6

CDNs available for three phase mains networks include :

- **M4** used for simultaneous coupling into L1, L2, L3 & N, rated up to 16A.
- **M5** can be used for simultaneous coupling into PE, N and all 3 phases, rated up to 16A.
- **M5/32** used for simultaneous coupling into PE, N and all 3 phases, rated up to 32A

The following diagram illustrates a test set-up using the M5 network for coupling into all wires of a three phase system simultaneously. Simultaneous coupling is the recommended method as it simulates most closely reality.

