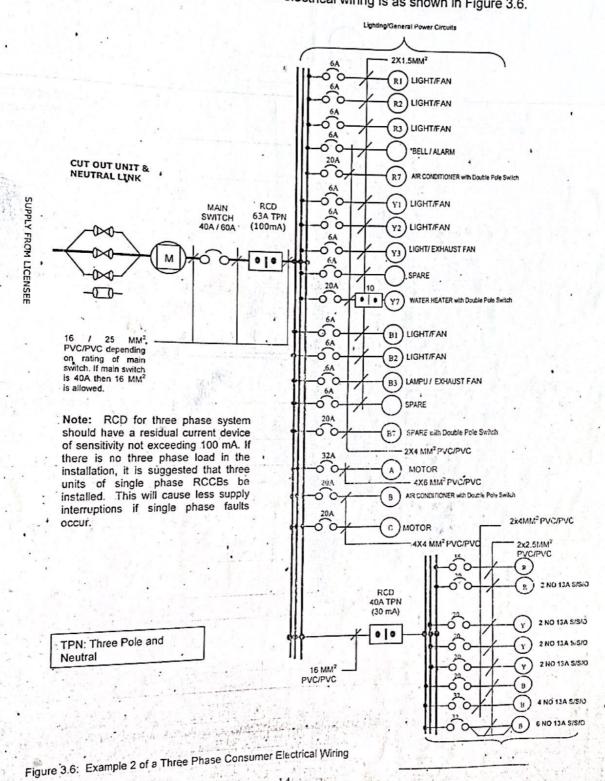
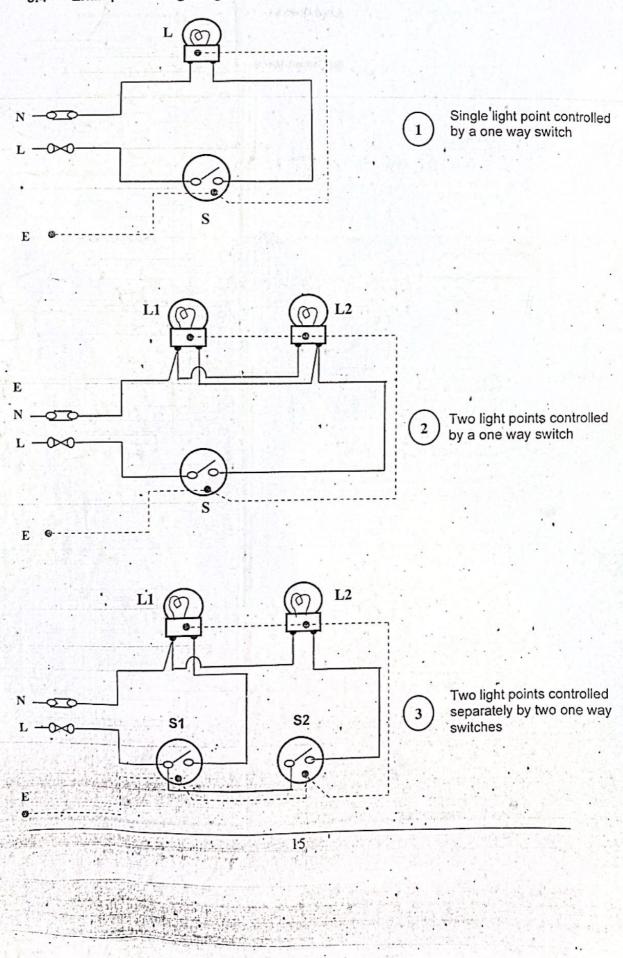


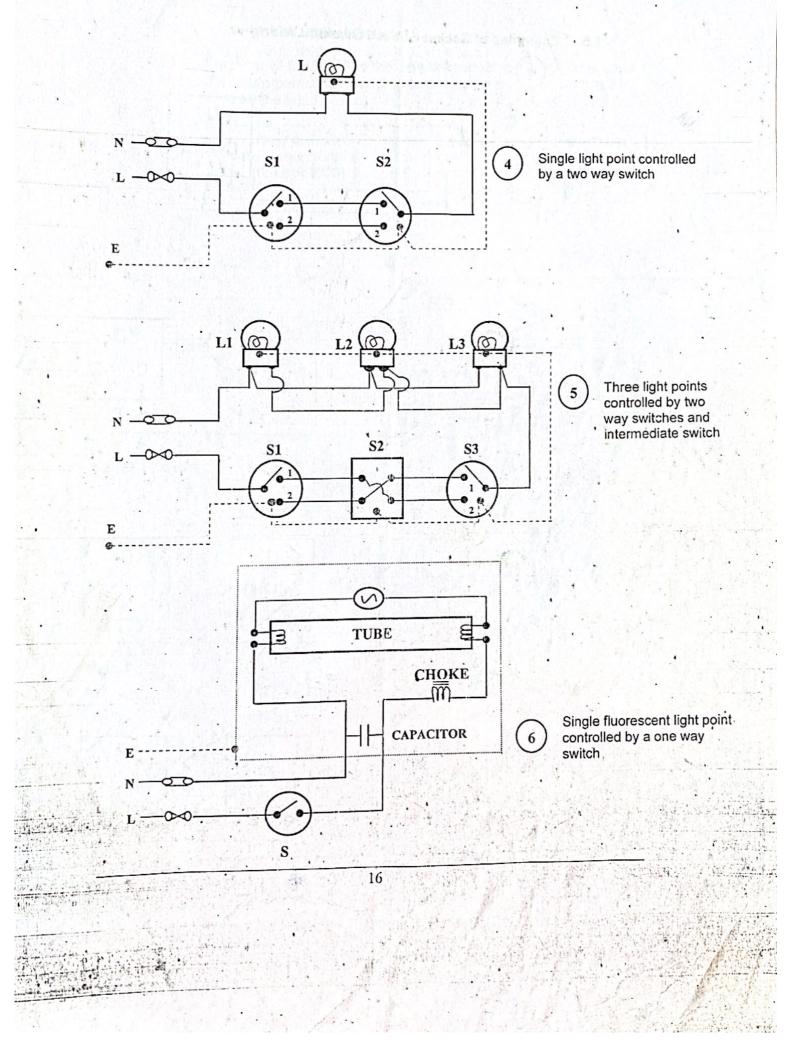
Figure 3.5: Example 1 of a Three Phase Consumer Electrical Wiring

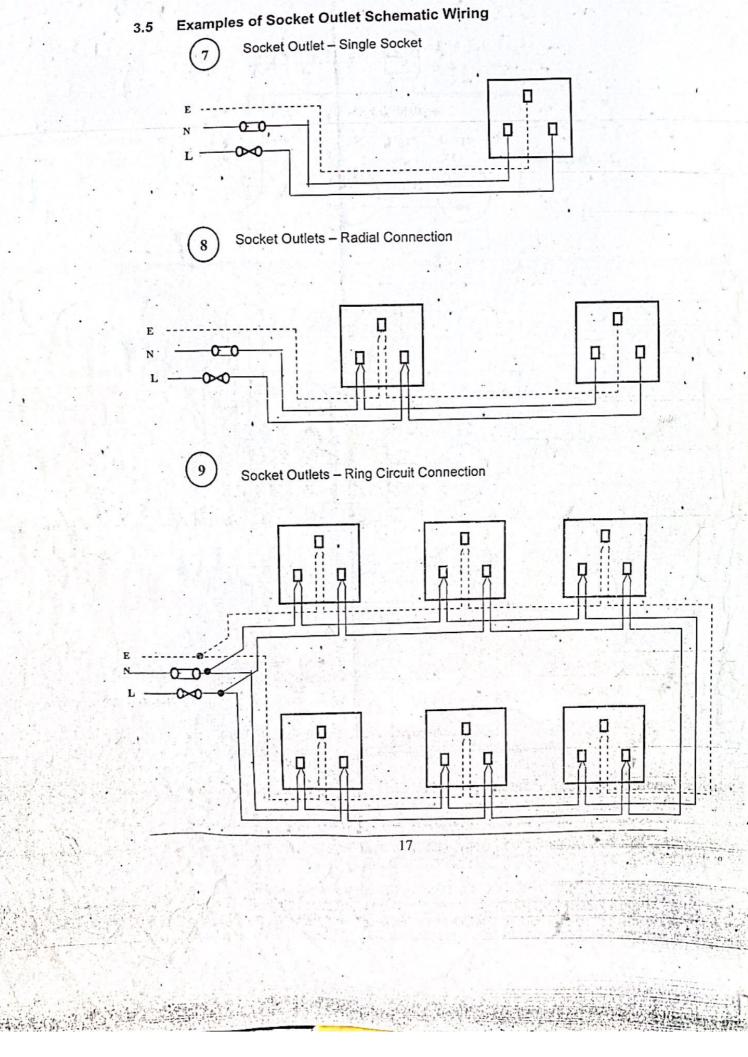


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## 3.4 Examples of Lighting Circuits Schematic Wiring







## Final Circuit For 13A Socket Outlets

The total number of final circuits needed, the size of the conductors used and the maximum permitted floor area to be served can be determined by being guided by the table below.

Circuit Type	Over Current Protection Rating (Fuse or MCB) (Ampere)	Minimum Size of Copper Conductor in PVC or Rubber Insulattion	Maximum Floor Area (m²)
Ring	30 or 32	2.5	100
Radial	30 or 32	4.0.	50
Radial	20	2.5	20

## IEE RELILATIONS FOR RINK MAIN CLTS.

- P The cct shell be installed using 2-5mm Cable, The protective denice shell be of 30 Ampers
- -P. The Maximust no. of Slo to be Connected in any in dones tic is 15 and mans free 15 lo.
- The no. of spur slo shell not exceed the no. of slo Connected in aring.
- Fach Slo forming aring shall only supply the spur (or 2 no, as per other books).
- -> The Cables shell run Un Cut and It Cut shell be consected electrically and mechanically hintary and the respective fernicels and back to the Same Print of origin in the can.

Require ments of ceste Forms

-> Must be electrically and Mechanically round - Must be accessible 18 for nouspection

-> for Underground Cables use a Sphring lik to aund In gress y Moisture