| Main switch & RCD | Type of supply | Mains | Earth | Ze at origin | PSCC | Main Fuse | Age |
|---|---|---|---|---|---|---|---|
| MS-BS | TN-S | Polarity | Mains mm2 | Actual Ze Ω | PFC-LN kA | Rating A | |
| | TN-C-S | Yes | Gas mm2 | TN-S < 0.8 Ω | | | |
| RCD-BS | TT | No | Water mm2 | TN-C-S < 0.35 Ω | PFC-LE kA | Type BS | Years |

| Circuit ID | OC Device Rating kA | | Conductors | | Continuity | | Insulation Resistance | | | Polarity | ELI | Functional Testing | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | KA rating | Amp rating | Cable Live | Cable CPC | R1+R2 | R2 | Ring | Live Live | Live Earth | Polarity | Zs | RCD X1 | RCD X5 | RCD Ramp |
| | Type | Rating | mm2 | mm2 | Ω | Ω | | M Ω | M Ω | √ | Ω | <300ms | <40ms | |
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**Notes:-**

Main Switch EN/BS----Wylex 60947-3.2---and--- MK 60947-3---MCB 60898----- RCD 60947----- ELI should be less than 80% of Red book value