Choice of cable cross-sections

|  |  |  |
| --- | --- | --- |
| Copper conductors | Cable cross-section, mm2 | Aluminium conductors |
| Current, А | Capacity, kWt | Capacity, kWt | Current, А |
| 220 V | 380 V | 220 V | 380 V |
| 11 | 2\* | - | 0.5 | - | - | - |
| 15 | 3\* | - | 0.75 | - | - | - |
| 15 | 3 | 5 | 1.5 | - | - | - |
| 21 | 4 | 7 | 2.5 | 3 | 6 | 16 |
| 27 | 5 | 10 | 4 | 4 | 7 | 21 |
| 34 | 7 | 12 | б | 5 | 9 | 26 |
| 50  | 11 |  19 | 10 | 8 | 14 | 38 |
| 80 | 17 | 30 | 16 | 12 | 20 | 55 |
| 100 | 22 | 38 | 25 | 14 | 24 | 65 |
| 135 | 29 | 51 | 35 | 16 | 28 | 75 |
| 175 | 38 | 66 | 50 | 23 | 39 | 105 |
| 215 | 47 | 81 | 70 | 29 | 51 | 135 |

\* - external