



Binary Program for Model 64-5 Power Factor Regulator

| Binary Steps | Capacitor Values in KVAR | | | | | Capacitance Sum |
|--------------|--------------------------|----|----|----|----|-----------------|
| | 160 | 80 | 40 | 20 | 10 | |
| 00000 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00001 | 0 | 0 | 0 | 0 | 10 | 10 |
| 00010 | 0 | 0 | 0 | 20 | 0 | 20 |
| 00011 | 0 | 0 | 0 | 20 | 10 | 30 |
| 00100 | 0 | 0 | 40 | 0 | 0 | 40 |
| 00101 | 0 | 0 | 40 | 0 | 10 | 50 |
| 00110 | 0 | 0 | 40 | 20 | 0 | 60 |
| 00111 | 0 | 0 | 40 | 20 | 10 | 70 |
| 01000 | 0 | 80 | 0 | 0 | 0 | 80 |
| 01001 | 0 | 80 | 0 | 0 | 10 | 90 |
| 01010 | 0 | 80 | 0 | 20 | 0 | 100 |
| 01011 | 0 | 80 | 0 | 20 | 10 | 110 |
| 01100 | 0 | 80 | 40 | 0 | 0 | 120 |
| 01101 | 0 | 80 | 40 | 0 | 10 | 130 |
| 01110 | 0 | 80 | 40 | 20 | 0 | 140 |
| 01111 | 0 | 80 | 40 | 20 | 10 | 150 |
| 10000 | 160 | 0 | 0 | 0 | 0 | 160 |
| 10001 | 160 | 0 | 0 | 0 | 10 | 170 |
| 10010 | 160 | 0 | 0 | 20 | 0 | 180 |
| 10011 | 160 | 0 | 0 | 20 | 10 | 190 |
| 10100 | 160 | 0 | 40 | 0 | 0 | 200 |
| 10101 | 160 | 0 | 40 | 0 | 10 | 210 |
| 10110 | 160 | 0 | 40 | 20 | 0 | 220 |
| 10111 | 160 | 0 | 40 | 20 | 10 | 230 |
| 11000 | 160 | 80 | 0 | 0 | 0 | 240 |
| 11001 | 160 | 80 | 0 | 0 | 10 | 250 |
| 11010 | 160 | 80 | 0 | 20 | 0 | 260 |
| 11011 | 160 | 80 | 0 | 20 | 10 | 270 |
| 11100 | 160 | 80 | 40 | 0 | 0 | 280 |
| 11101 | 160 | 80 | 40 | 0 | 10 | 290 |
| 11110 | 160 | 80 | 40 | 20 | 0 | 300 |
| 11111 | 160 | 80 | 40 | 20 | 10 | 310 |