

FP-4N-100

Highlights

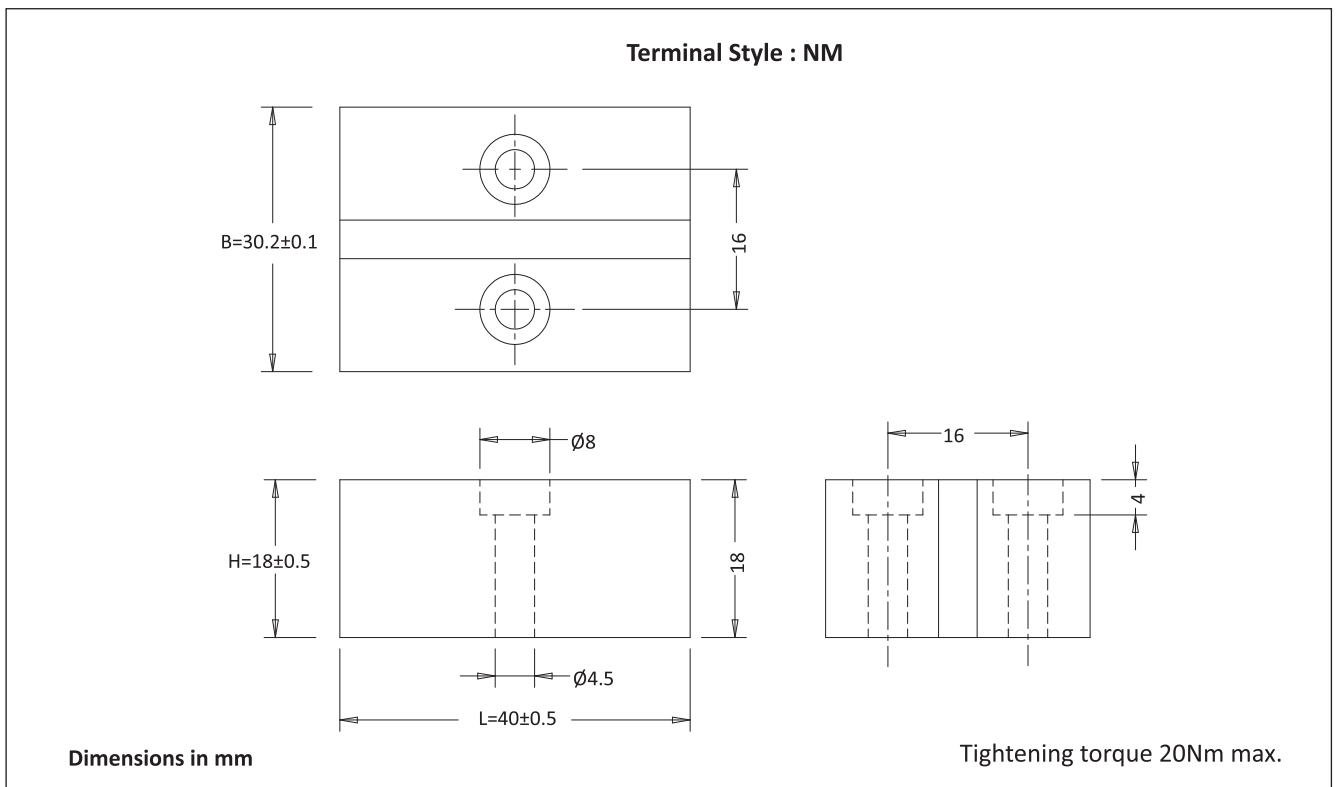
- Conduction cooled
- Polypropylene dielectric
- Self-healing
- Operating frequency 30KHz
- Maximum operating core temperature 85°C
- Capacitance tolerance $\pm 10\%$
- Flame retardant UL94 - V0, ROHS compliant



Standard Capacitor Values

| Rated Voltage Vrms | Nominal capacitance MFD at 1KHz | Max current Irms | Max power Kvars | Frequency KHz | ESR mΩ | Dimensions mm | | | Case Code | Terminal Style | Ordering Code |
|--------------------|---------------------------------|------------------|-----------------|---------------|--------|---------------|------|----|-----------|----------------|-------------------------|
| | | | | | | B | H | L | | | |
| 1100 | 0.03 | 125 | 100 | 439-829 | 1.70 | 30.2 | 18.0 | 40 | W9 | NM | SP00U031100BN0W900NMK01 |
| 1000 | 0.05 | 125 | 100 | 318-498 | 1.30 | 30.2 | 18.0 | 40 | W9 | NM | SP00U051000BN0W900NMK01 |
| 850 | 0.10 | 175 | 100 | 220-488 | 1.00 | 30.2 | 18.0 | 40 | W9 | NM | SP00U100850BN0W900NMK01 |
| 800 | 0.15 | 200 | 100 | 166-425 | 0.90 | 30.2 | 18.0 | 40 | W9 | NM | SP00U150800BN0W900NMK01 |
| 650 | 0.30 | 225 | 100 | 126-269 | 0.50 | 30.2 | 18.0 | 40 | W9 | NM | SP00U300650BN0W900NMK01 |
| 600 | 0.40 | 250 | 100 | 111-249 | 0.40 | 30.2 | 18.0 | 40 | W9 | NM | SP00U400600BN0W900NMK01 |
| | 0.50 | 250 | 100 | 88-199 | 0.40 | 30.2 | 18.0 | 40 | W9 | NM | SP00U500600BN0W900NMK01 |
| 450 | 0.65 | 250 | 100 | 121-153 | 0.35 | 30.2 | 18.0 | 40 | W9 | NM | SP00U650450BN0W900NMK01 |
| | 0.80 | 250 | 100 | 98-124 | 0.30 | 30.2 | 18.0 | 40 | W9 | NM | SP00U800450BN0W900NMK01 |

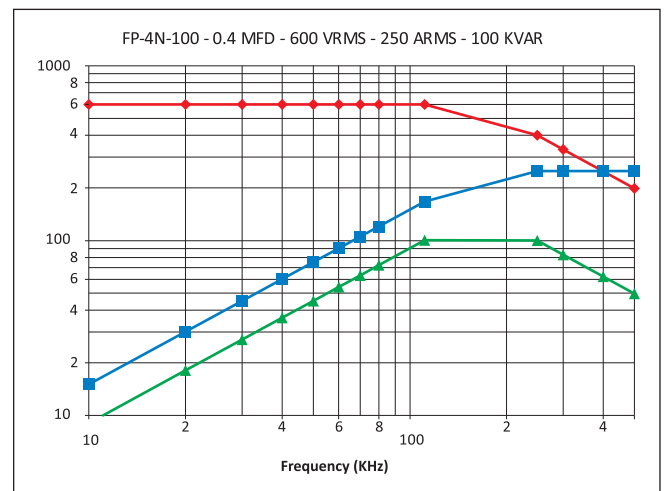
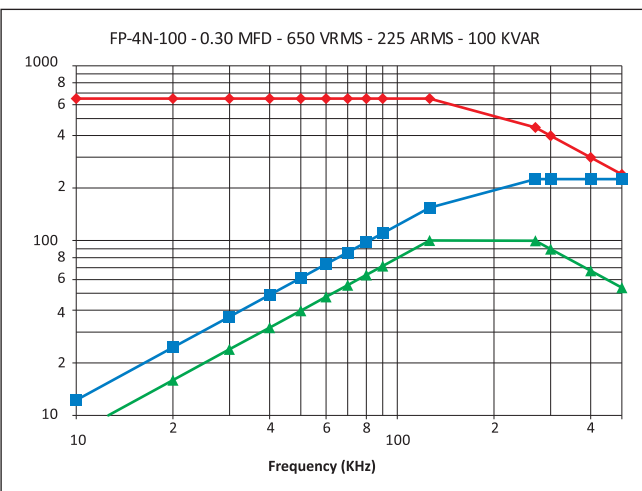
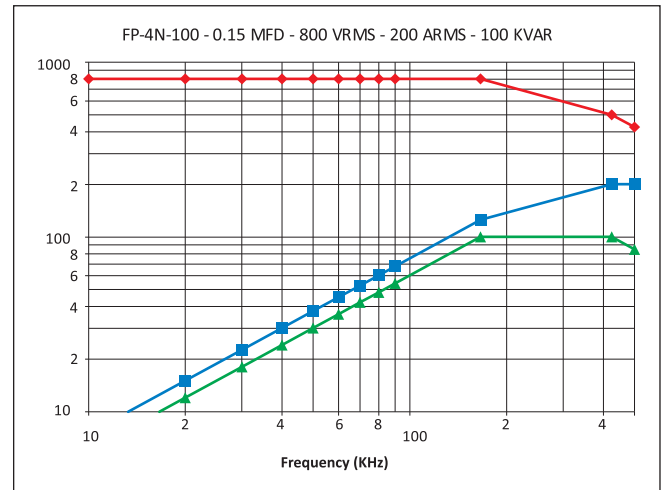
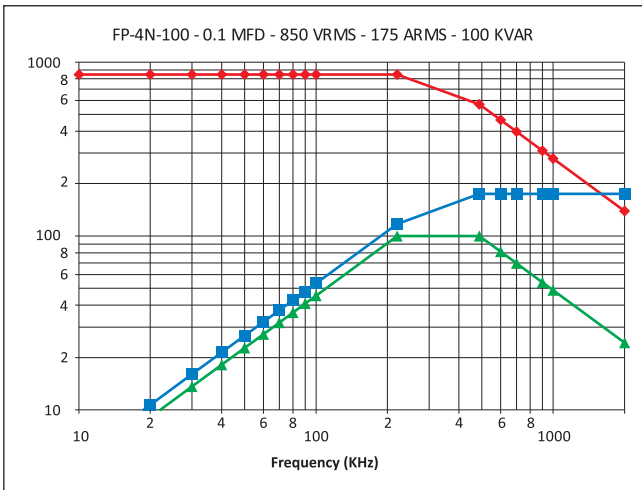
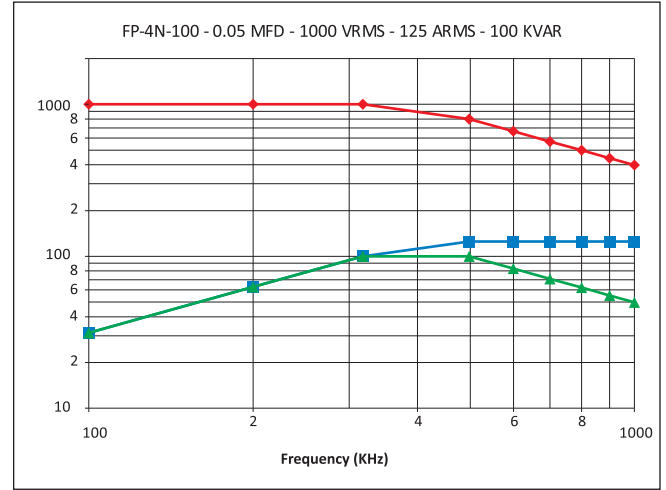
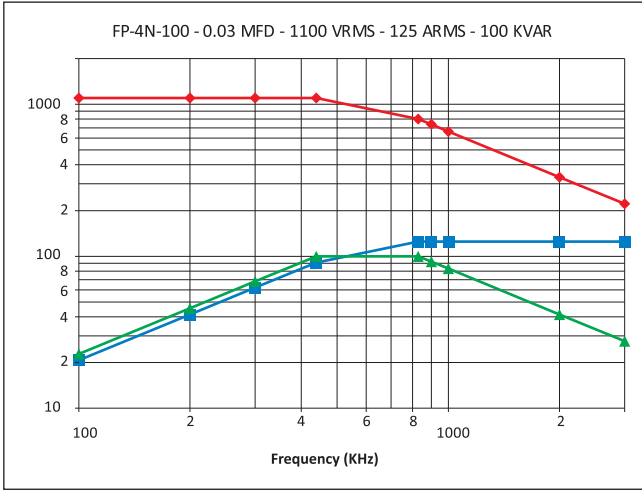
Capacitor Drawing and Terminal Style



FP-4N-100

Frequency Derating

—●— Voltage —■— Current —▲— Power



FP-4N-100

Frequency Derating

—◆— Voltage —■— Current —▲— Power

