



10KV-SG(B) series Dry Type Power Transformer

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Product overview

The dry-type transformer is one of our mature products, which are manufactured in accordance with international and domestic market applications. SG series single-phase and three-phase dry-type transformer adopts high-quality material and advance technology, it has advantages of damp proof and convenient maintenance, it can be applied to such power transmission and distribution places like underground railway, the high building, airport, station, wharf, enterprise, tunnel, etc.

It is mainly used in power supply occasions of AC 50~60Hz and voltage less than 500V. All the input and output voltage, connection group, and capacity of tapped winding can be designed and produced according to user requirements.

Standard

- Low-cost alternative to the equivalent isolation transformer
- ANSI & NEMA Std
- High-efficiency performance for cost-effective of operation
- Suitable for three-phase voltage transformation in commercial, industrial and institutional
- Ratings from 100 to 2500KVA
- Input has 2.5% FCAN and FCBN Taps
- UL recognized components for safe, quiet and reliable operation
- Units are designed and built-in compliance with ANSI and NEMA standards
- Other capacities, voltage or frequency ratings can be made available upon request
- Nema 1, fully detachable enclosure"

Working environment

1. Ambient temperature: $-10^{\circ}\text{C} \sim +40^{\circ}\text{C}$
2. Altitude: $<1000\text{m}$
3. Relative humidity: $<90\%$
4. The installation site should be no gas, steam, chemical deposition, dust, or dirt that will affect transformers' insulation seriously, also explosive or corrosive medium is not allowed.
5. If any special working conditions are not in line with the above stipulations, the user shall negotiate with us."

Our Service:

1. quick response in before sales period help you got order.
2. excellent service in production time let you know each step we made.
3. reliable quality solve you after sale headache.
4. long period quality warranty ensure you can buy without hesitate.

Why Choose Us:

1. One-stop supplier globally.
2. More than 10 years professional experiences in electrical appliance industry.
3. We offer professional online technology support for perfecting your electrical solution free.
4. Experienced sales service and suggestion.
5. All the products with accessories under strict quality control and final inspection before shipping.
6. We can assure the powerful competitive price and reliable quality products.
7. Most competitive shipping rate from our own shipping forwarder.
8. Whatever big or small order, we can provide you one-to-one service.

10KV-SGB dry type transformer main technical data

| Rated capacity (KVA) | High voltage (KV) | Tapping Range | Low voltage (KV) | Frequency (Hz) | Connection Symbol | SGB10 | | SGB11 | | SGB12 | | SGB13 | | No-load Current (%) | Noise level (dB) | Short-circuit impedance (%) | Gauge (mm) | Main part (Without shell) | | Shell | |
|----------------------|-------------------|---------------|------------------|----------------|-------------------|------------------|---------------|---------------------|---------------|------------------|-----------------|------------------|---------------|---------------------|------------------|-----------------------------|-------------------|---------------------------|--------------------|-----------------------|-------------|
| | | | | | | No-load loss (W) | load loss (W) | No-load loss (W) | load loss (W) | No-load loss (W) | load loss (W) | No-load loss (W) | load loss (W) | | | | | Dimensions (mm) L*W*H | Weight (KG) | Dimensions (mm) L*W*H | Weight (KG) |
| | | | | | | 100 | 6 | ±5% ±2 X 2.5% | 0.4 | 50 | D,yn11 Y,yn0 | 400 | 1690 | | | | | 360 | 1690 | 320 | 1690 |
| 160 | 540 | 2280 | 480 | 2280 | 430 | 2280 | | | | | | 385 | 2050 | 1.5 | 42 | 550 | 1150 X 650 X 1140 | 760 | 1500 X 1150 X 2200 | 230 | |
| 200 | 620 | 2710 | 550 | 2710 | 495 | 2710 | | | | | | 445 | 2440 | 1.3 | 42 | 660 | 1180 X 720 X 1175 | 920 | 1500 X 1150 X 2200 | 230 | |
| 250 | 720 | 2960 | 640 | 2960 | 575 | 2960 | | | | | | 515 | 2660 | 1.3 | 43 | 660 | 1250 X 720 X 1120 | 1080 | 1600 X 1250 X 2200 | 250 | |
| 315 | 880 | 3730 | 790 | 3730 | 705 | 3730 | | | | | | 635 | 3350 | 1.1 | 45 | 660 | 1280 X 720 X 1150 | 1250 | 1600 X 1250 X 2200 | 250 | |
| 400 | 980 | 4280 | 880 | 4280 | 785 | 4280 | | | | | | 705 | 3850 | 1.1 | 45 | 660 | 1300 X 720 X 1200 | 1450 | 1800 X 1450 X 2200 | 280 | |
| 500 | 1160 | 5230 | 1040 | 5230 | 930 | 5230 | | | | | | 835 | 4700 | 1.1 | 45 | 660 | 1380 X 880 X 1250 | 1750 | 1800 X 1450 X 2200 | 280 | |
| 630 | 1340 | 6290 | 1200 | 6290 | 1070 | 6290 | | | | | | 965 | 5660 | 0.9 | 45 | 660 | 1400 X 880 X 1300 | 2050 | 1800 X 1450 X 2200 | 280 | |
| 630 | 1300 | 6400 | 1170 | 6400 | 1040 | 6400 | | | | | | 935 | 5760 | 0.9 | 45 | 6 | 660 | 1480 X 880 X 1230 | 1900 | 1800 X 1450 X 2200 | 280 |
| 800 | 1520 | 7460 | 1360 | 7460 | 1210 | 7460 | | | | | | 1090 | 6710 | 0.9 | 46 | | 660 | 1550 X 880 X 1300 | 2300 | 2000 X 1500 X 2200 | 330 |
| 1000 | 1770 | 8760 | 1590 | 8760 | 1410 | 8760 | | | | | | 1270 | 7880 | 0.9 | 46 | | 820 | 1620 X 880 X 1360 | 2750 | 2000 X 1500 X 2200 | 330 |
| 1250 | 2090 | 10370 | 1880 | 10300 | 1670 | 10300 | | | | | | 1500 | 9330 | 0.9 | 47 | | 820 | 1680 X 880 X 1460 | 3150 | 2000 X 1500 X 2200 | 330 |
| 1600 | 2450 | 12580 | 2200 | 12500 | 1960 | 12500 | | | | | | 1760 | 11300 | 0.9 | 48 | | 1070 | 1720 X 1130 X 1560 | 3700 | 2200 X 1600 X 2200 | 380 |
| 2000 | 3050 | 15560 | 2740 | 15500 | 2440 | 15500 | | | | | | 2190 | 14000 | 0.7 | 48 | | 1070 | 1760 X 1130 X 1680 | 4300 | 2200 X 1600 X 2200 | 380 |
| 2500 | 3600 | 18450 | 3240 | 18400 | 2880 | 18400 | | | | | | 2590 | 16600 | 0.7 | 49 | | 1070 | 1840 X 1130 X 1780 | 5100 | 2200 X 1600 X 2200 | 380 |

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