

# PAD-MOUNTED TRANSFORMER



## SUMMARY

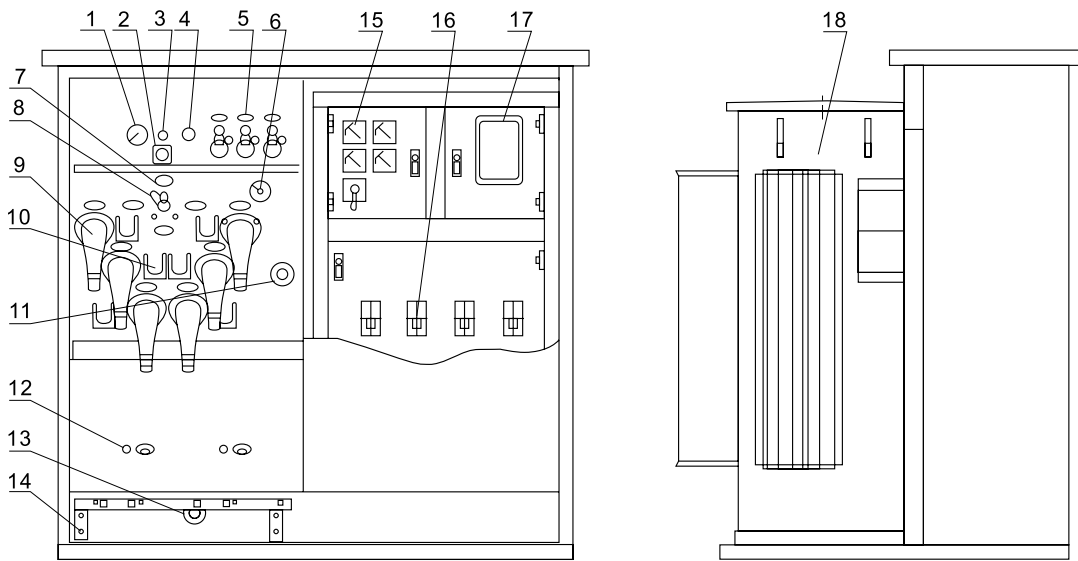
Pad-mounted transformer has outstanding features including reliable compact structure, fast and flexible installation, convenient operation, small size, etc. it can be widely used in industrial areas, residential communities, commercial centres, urban roads, high-rise buildings and other premises. The difference between this kind of product and prefabricated transformer is : Pad-mounted transformer is designed with integration of transformer part, high-voltage load switch, protective fuse and other devices, and placed in an oil tank for relatively comparably smaller size. It is suitable for both looped and radial network and can be changed conveniently for an enhanced reliability of power supply.

## Operation Condition

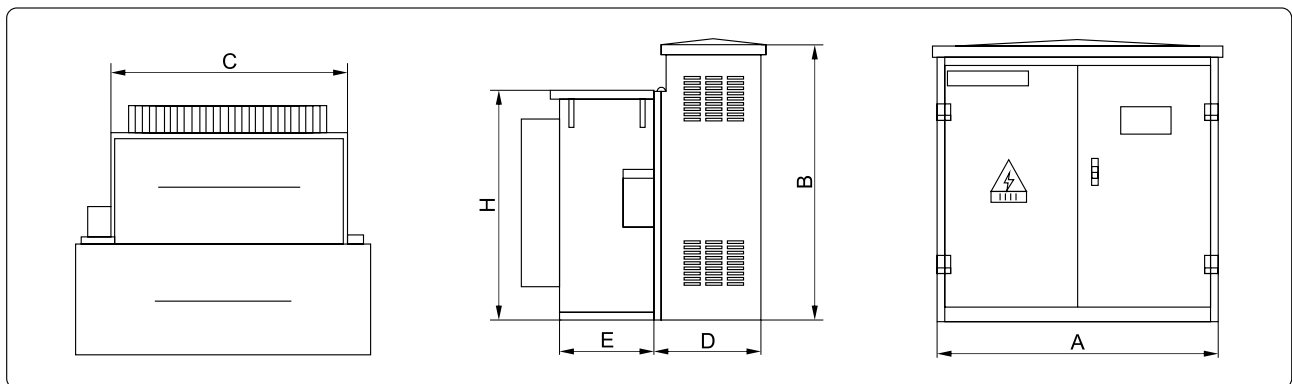
1. Ambient temperature: highest temperature: +40°C lowest temperature: -30°C
2. Altitude above sea level: no more than 1000m
3. Wind speed: 34m/s (no more than 700Pa)
4. Humidity: daily average of relative humidity no more than 95%
5. Monthly average of relative humidity no more than 95%
6. Shock resistance: horizontal acceleration no more than 0.4m/s<sup>2</sup>, vertical acceleration no more than 0.15/s<sup>2</sup>
7. Slope of installation site: no more than 30°
8. Installation conditions: free of explosive and corrosive gas, no severe vibration and shock.

### Structure View

HV: 1. Manometer; 2.Oil level guage; 3.Air value; 4.Oiling plug; 5. Plug-in fuse; 6. Thermometer; 7. Load switch operation indicator plate 8. Load switch;  
 9. HV cable contactor; 10. Hanging; 11. Tap changer; 12. Earthing & earthing label; 13. Dual- purpose valve; 14. HV cable bracket.  
 LV: 15. Measuring equipment; 16. LV branch; 17. Measurement lead sealing; 18. Transformer oil tank.



### External Dimensions of Product



Outline dimensional drawing of standard type					
Capacity	100~250	315~400	500~630	800~1000	1250
A	1840	1840	1840	2000	2200
B	1780	1780	1780	1780	1780
C	1250	1450	1550	1700	1780
D	800	800	800	800	800
E	555	555	625	725	855
H	1400	1500	1500	1500	1550