

HY-DBX Meter Box

Summary

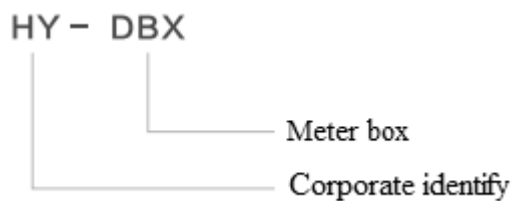
HY-DBX Meter Box is installed with circuit breaker, electric energy meter and so on, is used on the three-phase end circuit with five wire AC50Hz, 220V or 380V rated voltage, load total current is no more than 225A, as the electric power measurement to control the electric equipment and protect the overload, short-circuit, over-voltage and electric leakage. It conforms with GB7251.1-2013'Low-voltage Switchgear and Control Equipment'



Ambient Condition

- 1 Environmental air temperature: $-25^{\circ}\text{C} \sim +40^{\circ}\text{C}$; and the average value measured in 24h is not more than $+35^{\circ}\text{C}$;
- 2 Altitude $\leq 2000\text{m}$;
- 3 Humidity condition: at $+20^{\circ}\text{C}$, monthly average value $\leq 90\%$;
- 4 Pollution classification: 2 class;
- 5 Installation site: without fire risk, explosion hazard, heavy pollution, chemical corrosion and violent vibration. Vertical bank is not more than 5° .

Model



Technical Parameters

No.	Item	Unit	Data
1	Rated voltage	kV	0.38/0.22
2	Rated insulation voltage	kV	0.4
3	Rated current	A	225-10
4	Rated frequency	Hz	50
5	Rated peak withstand current	kA	10.2
6	Rated short-time withstand current	kA	6
7	Rated power frequency withstand voltage	kV	-
8	Rated lightning impulse withstand voltage	kV	-
9	Rated duration of short-circuit	s	-
10	Over-voltage type		III
11	Protection grade	IP	IP30

Main Feature

The main structural components of HY-DBX Meter Box are box door, box, installation rail, conductive row, wiring seat and electrical components. The main electrical components are molded case circuit breaker, electric meter and so on. The circuit breaker is in the same compartment, and is installed on the standard installation rail, so it can be assembled at any time according to the requirements, and it is convenient and quick to assemble and disassemble. The energy meter is centrally mounted in a compartment. The main switch and the terminal block are installed in the same compartment. The whole electric meter box is compact in structure and reasonable in layout.

The box structure is for camera obscura flushbonading or wall mounted, there are inlet-outlet line holes at the bottom of the box body, to facilitate wiring.