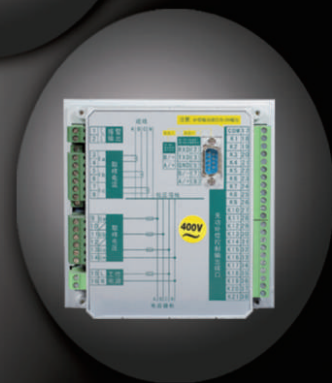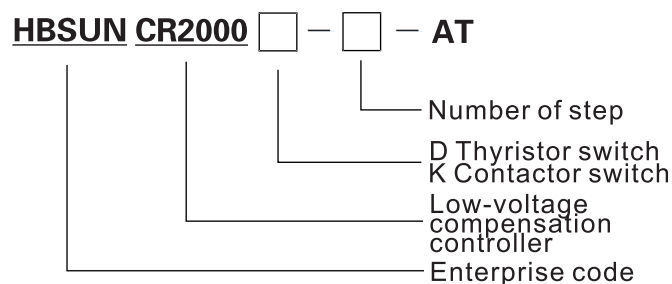# Low-voltage reactive power controller

Technical Characteristics

- To use high-performance single micro-processor and DSP processing technology, to collect current, voltage, active power, reactive power and power factor from current circuit and distribution equipment, To realize distribution monitoring.
- Real-time data acquisition, historical data storage, harmonic analysis, fault alarm.
- Communication function: Communicate with on-site computer or remote network via RS485 or RS232.
- To use regional control principle to realize joint compensation, separate compensation and comprehensive compensation, ensure the optimal compensation method, the effect is the best.
- With perfect limit alarm and overvoltage, under voltage, no phase, load unbalance, harmonic exceed alarm.
- Switch frequency statistics: Display number of switch in every month and total number of switch.

Illustration

HBSUN CR2000 ☐ — ☐ — AT

- Number of step
- D Thyristor switch
- K Contactor switch
- Low-voltage compensation controller
- Enterprise code

Technical parameter

- Supply voltage: AC220V±20%,50Hz±5%
- Sampling voltage: AC220V, Sampling current：0～5A
- Power consumption: ≤15W
- Output contacts: 21 steps each step DC12V、60mA
- Communication agreement:
  IEC870-5-101、CDT、CDT101
- Baud rate:
  1200bps、2400bps、4800bps、9600bps
- Measurement accuracy:
  Voltage: ±0.5%; reactive power: ±1.0%
  Current: ±0.5% active power: ±1.0%

(Function can be found in the random manual)