

HS4-A-M PV shutdown controller

Noted: After receiving the PACK, please check whether the internal wiring and accessories of the control box are well fixed and intact.



- ❶ The upper end of the breaker/
100-240V AC power supply
- ❷ 12V/AC-DC switch
- ❸ Communication interface
(for two DCON-S connecting)
- ❹ DCON-S power supply interface
- ❺ Heartbeat switch (ignorable)
- ❻ Magnetic ring interface

Installation Process

- ❶ Install the four-corner fasteners on the back of the control box and secure it to the wall or bracket.
- ❷ Thread the magnetic ring cable through the hole and connect it to the DCON-S-CORE interface.
- ❸ Match each magnetic ring with its corresponding strings, pass the negative pole of the inverter DC bus through the ring, and then connect it to the inverter.
- ❹ Thread the 100-240V AC power supply through the hole and connect it to the upper end of the breaker.

Caution

- ❶ Please install the micro-controllers first, and then power the control box;
- ❷ When the system is running normally, the DCON-S power light and the signal indicator light are always on;
- ❸ Max. input string of each magnetic ring: 6 strings;
- ❹ Max. Input current of each magnetic ring: 200A;
- ❺ The communication distance between the control box and the farthest micro-controller: $\leq 400\text{M}$;
- ❻ The strings within the same MPPT of the inverter should be connected with the same DCON-S;
- ❼ Protective measures should be taken during installation before construction.