SCD8000 Accessories: SCD-42/43/45/46/CT/EV
Instruction Sheet

Thank you very much for choosing SCD series accessory. Please read this instruction sheet before using your accessory to ensure proper operation. Keep this instruction sheet handy for quick reference.

1   Precaution

1. Please hold the plastic terminal when installing the accessory to prevent electrostatic discharge (ESD).
2. Prevent dust or metallic debris from falling into the device and cause malfunction. DO NOT modify or uninstall the accessory without being permitted. DO NOT use empty terminals.
3. When installing the accessory, please make sure that the power of SCD main unit is switched off and insert the accessory into the correct slot on SCD main unit.
4. Make sure you install the accessory correctly before switching on the power; otherwise serious damage may occur.
5. DO NOT touch the terminals or repair the device when the power is on; otherwise an electric shock may occur.
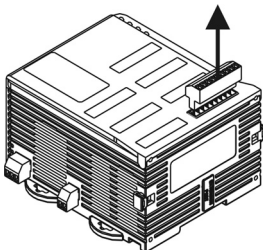
2   Functions & Electrical Specifications

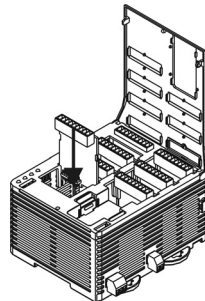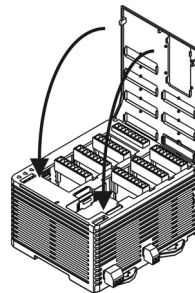|	
Power consumption	Max. 1.3W
Output accessories	■ **SCD-42:** 4 channels of voltage pulse output, DC 24V, max. 40mA current output ■ **SCD-43:** 4 channels of relay output, SPST, max. AC 250V load, 3A resistive load ■ **SCD-45:** 4 channels of current output, DC 4 ~ 20mA output (resistive load < 500Ω) ■ **SCD-46:** 4 channels of analog voltage output 0 ~ 10V (resistive load > 1,000Ω)
Input accessories	■ **SCD-CT:** 4 channels of current transformer (CT) input. CT range: 0.5 ~ 30A Resolution: 0.1A; Offset: ±0.5A ■ **SCD-EV:** 8 channels of EVENT input. The short circuit resistance of the channel has to be smaller than 1KΩ; the open circuit resistance has to be bigger than 100KΩ.
Terminal connection	■ Current output and analog voltage output boards can only be inserted into main output slots (OUT1, OUT2) on SCD main unit. ■ Relay output and voltage output boards can only be inserted into main output slots (OUT1, OUT2) and sub-output slots (SUB1, SUB2) ■ CT input and EVENT input boards can only be inserted into the auxiliary slot (AUX) on SCD main unit.

3   How to Install

① Remove all the terminal blocks on the panel.	② Uncover the panel. Make sure which slot is the correct one and insert the accessory into the slot.	③ Cover up the panel.	④ Insert the terminal blocks back.