The DIN Rail Mount Series SCD offers multiple PID loops in a compact size. Each SCD-1000 master controller can be combined with up to seven SCD-2000 slave controllers without any wires. Each controller has one universal input, one relay output and one user selected output. The outputs can be used for a dual loop to control heating and cooling or a single loop with an alarm. These controllers support up to 64 ramp/soak actions. The SCD series controllers are programmed using an user-friendly software program via the RS-485 Modbus® communications.

### SPECIFICATIONS

**Inputs:**
- Thermocouple, RTD, DC linear voltage, and DC currents.

**Supply Voltage:** 24 VDC.

**Power Consumption:** 3 W.

**Operating Temperature:** 32 to 122°F (0 to 50°C).

**Memory Backup:** Non-volatile.

**Control Output Ratings:**
- Relay: Resistive load @ 250 VAC 3 A;
- Voltage pulse: 12 VDC, max. output current: 40 mA;
- Current: 4 to 20 mA output;
- Linear voltage: 0 to 10 VDC.

**Communication:** RS-485 Modbus® A-5-11/RTU communication protocol.

**Weight:** 2.7 oz (76.5 g).

**Agency Approvals:** CE, RoHS, cUL, UL.

#### Master Controller
- **Output 1:** Voltage Pulse
- **Output 2:** Relay

#### Slave Controller
- **Output 1:** Voltage Pulse
- **Output 2:** Relay

*Requires 250 Ohm Precision Resistor.

### ACCESSORIES
- SCD-PS, 100 to 240 VAC/VDC to 24 VDC Power Supply
- SCD-SW, Configuration Software
- A-277, 250 Ohm Precision Resistor
- MN-1, Mini-Node™ USB/RS-485 converter
- A-600, R/C snubber

**Modbus®** is a registered trademark of Schneider Automation, Inc.