



DIN Rail Temperature/Process Controller

Universal Inputs, Up to 8 PID Loops, Modbus® Communications

Models Select Chart

Model	Description
SCD-1023	DIN rail temperature/process master controller, (1) voltage pulse output and (1) relay output.
SCD-1033	DIN rail temperature/process master controller, (2) relay outputs.
SCD-1053	DIN rail temperature/process master controller, (1) current output and (1) relay output.
SCD-1063	DIN rail temperature/process master controller, (1) linear voltage output and (1) relay output.
SCD-2023	DIN rail temperature/process slave controller, (1) voltage pulse output and (1) relay output.
SCD-2033	DIN rail temperature/process slave controller, (2) relay outputs.
SCD-2053	DIN rail temperature/process slave controller, (1) current output and (1) relay output.
SCD-2063	DIN rail temperature/process slave controller, (1) linear voltage output and (1) relay output.

Accessories

Model	Description
SCD- PS	Configuration software.100 to 240 VAC/VDC to 24 VDC power supply.
SCD-SW	Configuration software.
A-277	Precision resistor, 250 ohm.
MN-1	Mini-Node™ RS-485 to USB converter.
A-600	R/C snubber (recommended for inductive loads like a solenoid or contactor).

Specifications:-	
Inputs	: Thermocouple, RTD, DC linear voltages or DC current.
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: 3 A @ 250 VAC resistive; 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, cULus.