

PRODUCT SPECIFICATION SHEET

MODEL: SLC-3-0

REV: **A**

DESCRIPTION: DIN Rail Mtg. Limit Temp Controller w/Manual Reset

CUSTOMER PN:

DATE:

Input Voltage: 115VAC $\pm 15\%$, 50/60Hz, 3VA Max. (240VAC and 24VAC optional)
Control Output: SPDT Relay rated 3.8(1.5) Amps Res. & 1.5(.8) Amps Pilot Duty 120(240)VAC, 100,000 cycles; optional DC output to drive customer supplied SSR.
Control Mode: Latching with Manual Reset or Automatic Reset on power off; relay contacts open on temperature rise.
Trip Indicator: LED illuminates when controller trips.
Reset Function: Integral reset switch standard; terminals available for optional remote reset switch.
Std. Ranges/Sensors: See table below. Contact factory for other ranges or sensors.
Setpoint Adj.: Local SP pot adjustment
Compensation (TC only): Automatic cold junction compensation
Control Stability: Typically less than $\pm 5mV/^{\circ}F$ ambient and .01% of span/% rated line voltage
Set Point Accuracy: $\pm 3\%$ of FS maximum at 25°C and rated line voltage
Sensor Break Protection: Contacts open for thermocouple break or for open RTD.
Amb. Oper. Temp: 0 to 55°C (32 to 131°F)

MECHANICAL

Enclosure Material: Noryl, Black color
 Field Terminations: Screw termininals with wire clamping plates and touch safe shield.
 Mounting: 35mm DIN rail and surface mounting base

AGENCY APPROVALS UL 873 & CUL per CSA C22.2 No. 24 File #E105669; FM 3545

STS P/N	VOLTAGE	SP RANGE	SENSOR
SLC-3-0-1400J	115VAC	0 to 1400°F/-20 to 760°C	"J" T/C
SLC-3-0-2300K	115VAC	0 to 2300°F/-20 to 1260°C	"K" T/C

DIMENSIONS:



