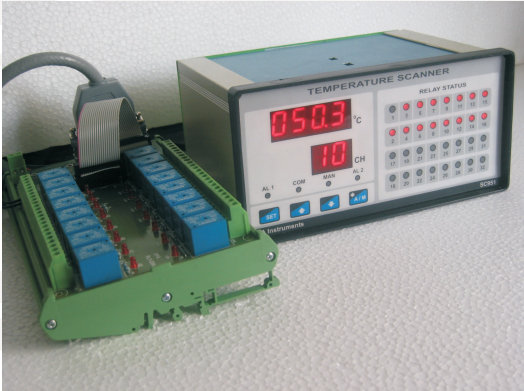




Solutions Per Applications

Scanners-Dataloggers SC-951

SERIES SC-951



SPA offers Scanner Data logger in 8 & 16 channel inputs, under the series SC-951. These instruments accept all standard electrical instrumentation signals. Communication ports like printer ports, RS 485 serial port, ethernet port are optionally available. Common high low alarms on individual channels are optionally available. Provision of alarm status indication for individual alarms helps operator to know alarmg conditions immediately. Internal memory for Data logging facility is optional. This product is most useful in different applications of temperature and process parameters monitoring.

Input Specifications	
Input	: 4-20 MADC /0-5 VDC/RTD Thermocouple J,K,R,S(factory set)
Impedance	: 100 Ohms for current more than 20kΩ for DC volt
Scantime setting	: 5 to 60 sec. programmable
Display specifications	
Option 1	: 3 ½ digit 0.5" 7-segment LED for PV 2 digit digital 0.5" 7-segment RED LED for channel
Option 2	: 2 line 16 character backlet display
Range	: Programmable for electrical i/ps factory set for themocouple & RDT
Accuracy	: ±0.25% of full scale
Alarm Set-points	
Setting	: Key-pad programmable (Hi,Lo,hi- hi, lo-lo,hi-lo)
Dead band	: programmable
Relay contact specifications	
Option 1	: 2(NO+NC) common on all channels
Option 2	: 2(NO+NC) on each set point(max. 32 Rly. o/p, Ext. Rly.module)
Contact ratings	: 230VAC, 50Hz. Res. load
Data Logging specifications	
Data logging internal memory	: 1500 records/chn for upto 8channel scanner, 1000 records/chn for 16

channel scanner(Internal RTC provided along with Data Logging facility)	
Data Retrying	: Either through printer port or through Rs485 serial port
Electrical Specifications :	
Aux. Power Supply	: 230 VAC, 50 Hz.±10%
Insulation Resistance	: 500 VDC@20MΩ
Mounting & Dimensional Specifications :	
Mounting	: Panel.
Cutout	:
Option 1.	: 92x 92mm.square(for 8 channel, common relay)
Bezel Size	: 96(H) x96 (W) mm
Depth	: 200 mm
Option 2.	: 92x 108mm Hoz.(for 16 channel & 32 Rly option)
Bezel Size	: 96(H)x192(W)mm
Depth	: 200 mm
Enclosure	: Al.Powder coated
Environmental Specifications	
Operating Temp	: 0-50°C
Humidity	: Up to 90% Rh non conditioning
Communication Specifications	
Com. Port	: RS-485
Protocol	: Modbus RTU



AN ISO 9001: 2008 company

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