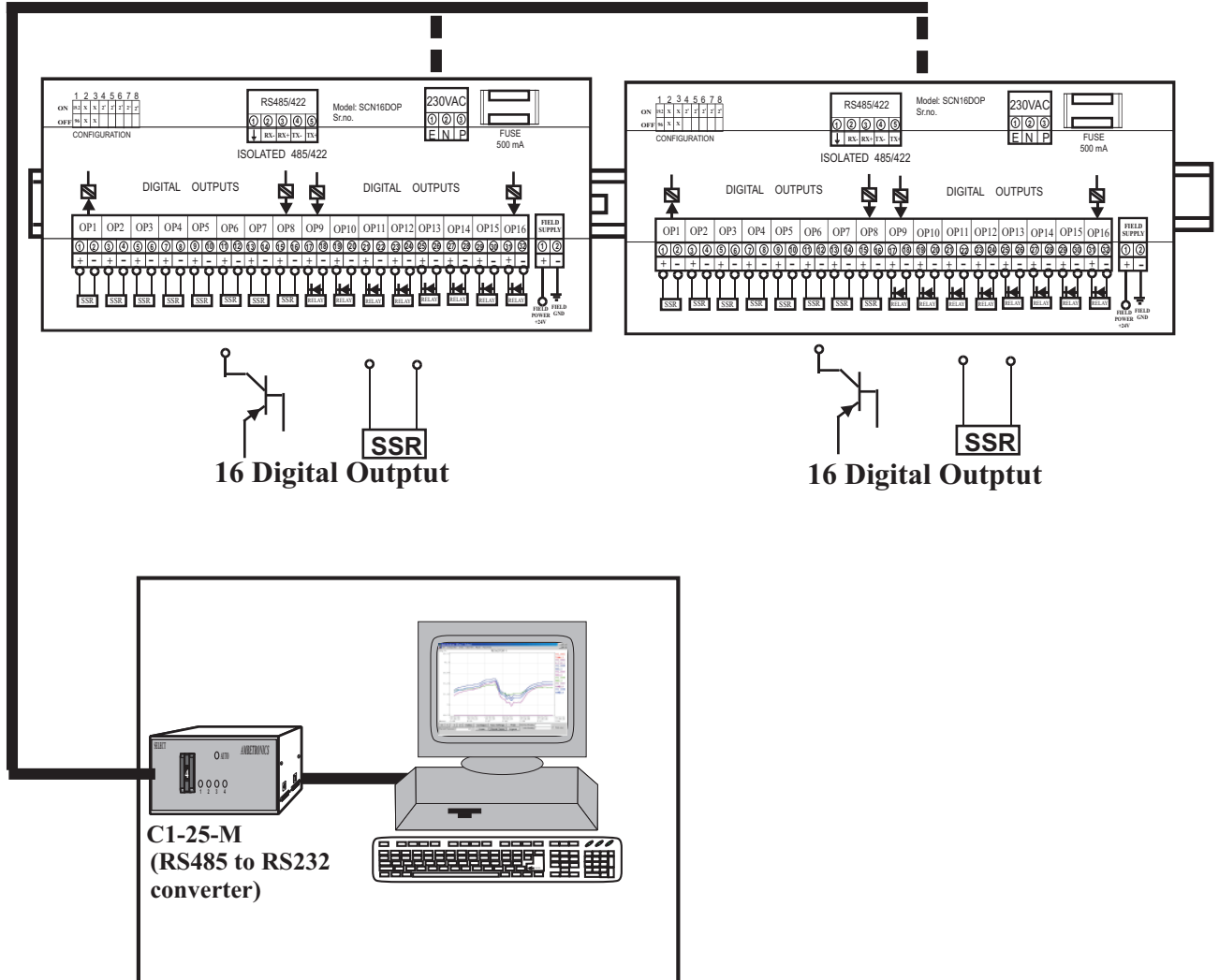


DATA ACQUISITION & CONTROL MODULES
DIGITAL OUTPUT MODULE



GENERAL DESCRIPTION:-

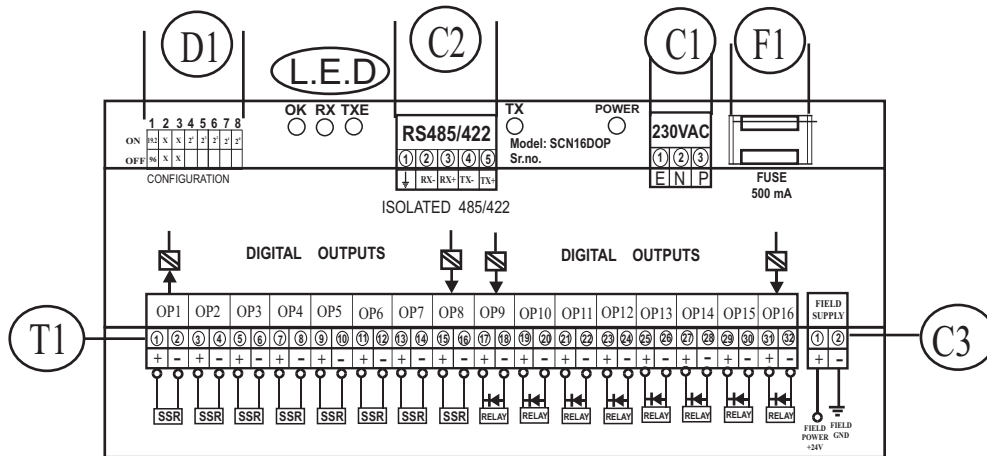
Our Instrument enable the economical and easy setup of a remote data acquisition and control system.

Remote analog instrument allow reading of analog signals, Pressure, Level, Temperature, Humidity measuring, instrument accept power from 230VAC or 110VAC, can be easily mounted on a pannel. All the TC-12/24/36/48 instruments provide a serial RS-485 interface with a Modbus communication protocol, the connection network between the instrument and the Supervisory Computer.

The DATALOG / WINLOG software provides an operator interface in a Windows environment for real-time supervision, historic trend analysis and alarm management: all of the data are recorded in history databases in a format accessible from the main software packages (EXCEL, ACCESS, etc.).

TECHNICAL SPECIFICATIONS:

- Supply Voltage** : 230 VAC !10%, 50Hz. Or 24VDC !10% factory set.
No. of Channels : 16 digital outputs open collector 100mA driving capacity.
Type of Outputs : Open collector outputs connected to a external relay module to give potential free output.
Serial Port : RS422/485 port with Modbus protocol / serial settings on DIP switch.
Indication : 3 mm LED indication for system operation and inputs status.
Excitation Supply : 24VDC, @100mA output is available for external excitation.
Connections : PBT type, total 32 connector for 16 output.
Cabinet : (ABS moulded) 20 Terminal box
Size : 120(H) X 200(W) X 82(D). relays are mounted externally.



SCN16DOP module

- D1** Address and baud rate selection.
LED OK Self test of instrument led.
LED RX Received data led.
LED TXE Transmit enable of instrument led.
LED TX Transmitting data led.
LED power Device status ready led.
LED 1-16 Output physical status led.
LED 17 Field supply status led.

C1 Mains supply connector

	230 VAC
1	EARTH
2	NEUTRAL
3	PHASE

C2 RS422/485 serial link connector

RS422		RS485	
1	SERIAL GND	1	SERIAL GND
2	RX-	2	N.C.
3	RX+	3	N.C.
4	TX-	4	TX-RX-
5	TX+	5	TX-RX+

C3 Field supply connector

	+24 VDC FIELD POWER
1	+24 VDC
2	FIELD GROUND