

**STREAM SELECTOR UNIT: SS-301**

This STREAM SELECTOR UNIT is based on a popular Microcontroller. The system is designed to control the timing of stream selection of up to eight streams system using its timer and relay outputs. It can also generate Sample and Hold type analog outputs for each stream.

**Specifications:**

- No. of Streams: Up to 8
- Operating Voltage: 110-230 VAC +/- 10%, 1 Phase, 50 Hz Nominal
- Key board: 12 keys keypad
- Display: 20 Character x 4 Line LCD with back lit
- Display: 32 Discrete LEDs for process status Indication
- Relays: Stream selection: Up to 8 Relays 2 C/O type
- Relay Contact rating: 2A/250 AC, Resistive for each relay
- Alarm Relays (Optional):
  - Up to 8 Relays 1 C/O type
  - Common Alarm (Optional):
    - 1 Relay 1 C/O type
- Stream selection logic: time based and/or external input triggered
- Digital Inputs: Up to 4 (Potential free)
- Analog Inputs:
  - Up to 8 channels, 4 to 20 mA
- Analog Output: Up to 16 Channels, 4 to 20 mA
  - Multiple Outputs per stream. S/H type
- Dimension:
  - Outer: 278 (W) x 133.5 (H) x 260 (D)
  - Cutout: 228 (W) x 133.5 (H)
- Weight: 4 Kgs
  - Enclosure: General purpose, Made up of Aluminum, Panel Mount

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**Ordering Code**

Model	Input Type		No of Streams		Serial Interface		Relay		Relay type		Software		Analog O/P	
SS301	X		XX		XX		XX		XX		XX		XX	
	I1	4-20 mA	Y	Yes	N	None	N	None	T1	Alarm	S1	Standard	N	None
					C1	RS232	R1	1 relay			S2	Special*	A1	4-20 mA
							R2	2 relay					A2	4-20 mA

X – Specify from Table

\* - Customized software

Example: SMIT 301P with 4-20 mA, Digital Input, MODBUS RS232, 2 Alarm relays, 4-20 mA output with standard software

Ordering cod706-1\*-8.

+e: SMIT 301P: I1-Y-C1-R2-T2-S1-A1

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