

SLIM TYPE CONVERTERS

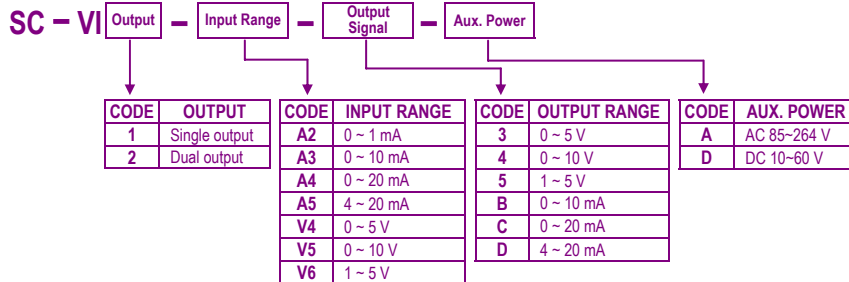
SC-VI

FEATURE

- Input 0~5V/0~10V/1~5V/0~20mA/4~20mA in one unit
- Output 0~10V/4~20mA selected via terminals
- Dual different signals output available
- 22.5 mm thin profile DIN rail mounting
- Wide power supply range DC 10 ~ 60V or AC 85 ~ 265V
- CE Approved



ORDER INFORMATION



TECHNICAL DATA

Signal input

Input Range		Input Signal (Selected by dip-switch on pcb)	Input Impedance
Vdc mAdc	0 ~ 20 mA	0~1mA, 0~5mA, 0~10mA, 0~20mA	250Ω Selected by terminals
	0 ~ 10 V	0~1V, 0~5V, 0~10V, 1~5V	

Analogue output

Output Range	Output Resistance	Output Signal (Selected by terminals)
0 ~ 20mAdc	≤ 600Ω	0~20mA, 4~20mA
4 ~ 20mAdc	≤ 600Ω	
0 ~ 5Vdc	250Ω	0~5V, 0~10V, 1~5V
1 ~ 5Vdc	250Ω	
0 ~ 10Vdc	500Ω	

- Accuracy: ≤ 0.2% of F.S. (delivered in customer's specify)
≤ 2% of F.S. (without adjustment)
- Linearity: ≤ 0.1% of F.S.
- Response time: ≤ 250msec
- Output ripple: ≤ 0.1% of F.S.
- Span adjustment: ≤ 20% of F.S.
- Zero adjustment: ≤ 20% of F.S.

Power

- Power supply: AC 85~265V, or DC 10~60V
- Power consumption: DC 4W, AC 5.0VA

Environmental

- Operating Temperature: -10~55 °C
- Operating humidity: 20~95% RH, Non-condensing
- Temperature Coefficient: ≤ 100PPM/°C (0~50 °C)
- Storage temperature: -10~70 °C
- Protection: IP 20

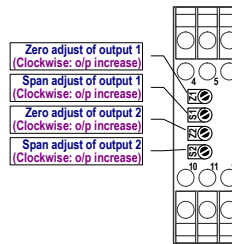
Mechanical

- Dimensions: 81.8mm x 99mm x 22.5mm
- Housing: Self-extinguishing, black ABS, UL94V0
- Terminals block: Self-extinguishing, black ABS, UL94V0
- Terminals: Screw terminal, up to 2 x 2.5mm² wire
- Mounting: 35mm DIN rail (EN50022)
- Weight: 250g

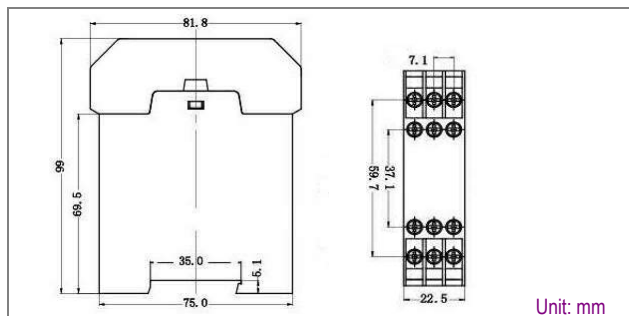
Specification

- Electrical Safety: IEC 61010 (Installation category 3)
- EMC: EN 50081: 1992 Part 1, EN50082: 1995 Part 2
- Electric Isolation: AC 2.0KV for 1min
Between Power / Input / Output1 / Output2 / Case
≥ 100MΩ at 500Vdc

ADJUSTMENT



DIMENSIONS



CONNECTION DIAGRAM

