

FEATURE

- Input modules for 0~5V / 0~10V / 1~5V / 2~10V / 4~20mA / 0~20mA or 0~50mV / 0~60mV / 0~75mV / 0~100mV programmable by dip switches
- Output V & mA selected via terminals and 0~5V / 0~10V / 1~5V / 2~10V / 4~20mA / 0~20mA selected via dip switches
- Dual different signals output available in 22.5 mm thin profile
- Wide power supply range AC & DC 20 ~ 265V
- CE Approved



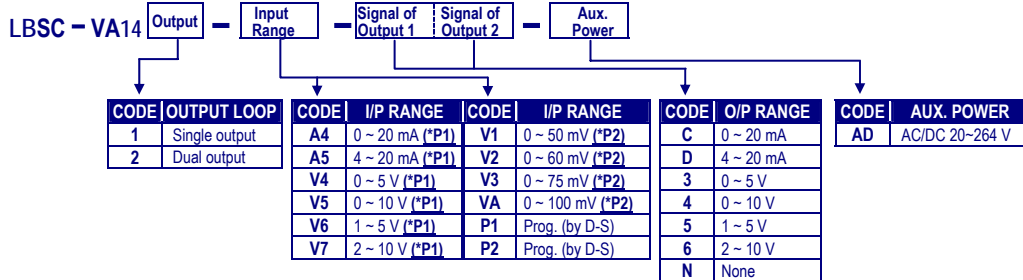
Newest

ORDERING INFORMATION

Remark:

> When you select coding P1, P2 input range, please specify initial range.

> After change input or output range by dip switches (D-S), re-calibration is to be requested.



TECHNICAL DATA

Signal input / change input range by dip-switch

	Input Range (Selected by terminals)	Input Signal (Selected by dip-switch on pcb)	Input Impedance
Vdc	0 ~ 20 mA (by terminal 3+ & 2-)	0~20mA, 4~20mA	250Ω
mAdc	0 ~ 10 V (by terminal 1+ & 2-)	0~5V, 0~10V, 1~5V, 2~10V	1MΩ

Analogue output / change output range by dip-switch

Output Range	Load Resistance	Output Signal (Selected by terminals)
0 ~ 20mAcd	≤ 600Ω	Output 1: Io(mA output by terminal 9+ & 8-) Output 1: Vo(V output by terminal 7+ & 8-)
4 ~ 20mAcd	≤ 600Ω	
0 ~ 10Vdc	≥ 500Ω	Output 2: Io(mA output by terminal 12+ & 11-) Output 2: Vo(V output by terminal 10+ & 11-)
0 ~ 5Vdc	≥ 500Ω	
1 ~ 5Vdc	≥ 500Ω	

- Accuracy: ≤ ±0.2% of F.S. (delivered in customer's specify)
≤ ±2% of F.S. after range change without recal
- Linearity: ≤ 0.1% of F.S.
- Response time: ≤ 100msec (10%~90% of FS)
- Output ripple: ≤ ±0.1% of F.S.
- Span adjustment: ≤ ±10% of F.S.
- Zero adjustment: ≤ ±10% of F.S.

Power

- Power supply: AC/DC 20~265V, 50/60Hz
- Power consumption: DC 4W, AC 5.0VA

Environmental

- Operating Temperature: 0~60 °C
- Operating humidity: 20~95% RH, Non-condensing
- Temperature Coefficient: ≤ 100PPM/°C (0~50 °C)
- Storage temperature: -10~70 °C
- Protection: IP 42

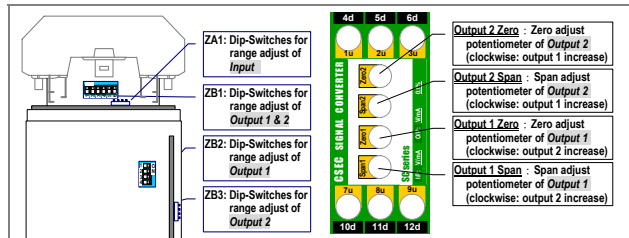
Mechanical

- Dimensions: 81.8mm x 99mm x 22.5mm
- Housing: 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 61326
- Electric Isolation: AC 2.0KV for 1min
Between Power / Input / Output1 / Output2 / Case
≥ 100MΩ at 500Vdc

ADJUSTMENT



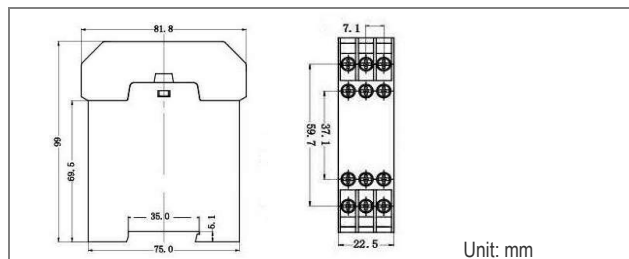
Signal input

V / mA INPUT : (CODE: P1)				mV INPUT : (CODE: P2)							
SIGNAL RANGE	DIP SWITCH (ZA1)	SW1	SW2	SW3	SW4	SIGNAL RANGE	DIP SWITCH (ZA1)	SW1	SW2	SW3	SW4
0 ~ 5 V			on			0 ~ 50 mV		on			
0 ~ 10 V				on		0 ~ 60 mV			on		
1 ~ 5 V		on	on	on		0 ~ 75 mV			on		
2 ~ 10 V				on	on	0 ~ 100 mV				on	on
0 ~ 20 mA	on										
4 ~ 20 mA	on			on	on						

Signal output

SIGNAL RANGE	DIP SWITCH - ZB1 (ZB1 for O/P1 & O/P2)				DIP SWITCH - ZB2 (ZB2:O/P1)				DIP SWITCH - ZB3 (ZB3:O/P2)					
	OUTPUT2		OUTPUT1		OUTPUT1		OUTPUT2		OUTPUT2		OUTPUT1			
	SW1	SW2	SW3	SW4	SW5	SW6	SW1	SW2	SW3	SW4	SW1	SW2	SW3	SW4
0 ~ 5 V	on				on		on	on	on	on	on	on	on	on
0 ~ 10 V	on				on		on	on	on	on	on	on	on	on
1 ~ 5 V		on			on		on	on	on	on	on	on	on	on
2 ~ 10 V		on			on		on	on	on	on	on	on	on	on
0 ~ 20 mA	on				on		on							on
4 ~ 20 mA	on				on		on							on

DIMENSIONS



CONNECTION DIAGRAM

mA/V input or mV input

