



CURRENT LOOP SUPPLY (TWO ISOLATED OUTPUTS)

**S4-DT
SERIES**



FEATURES

- Accuracy: $\pm 0.1\%$ RO.
- Steady voltage, current and low ripple output
- Plug-in type
- DC 24V for two wire transmitter

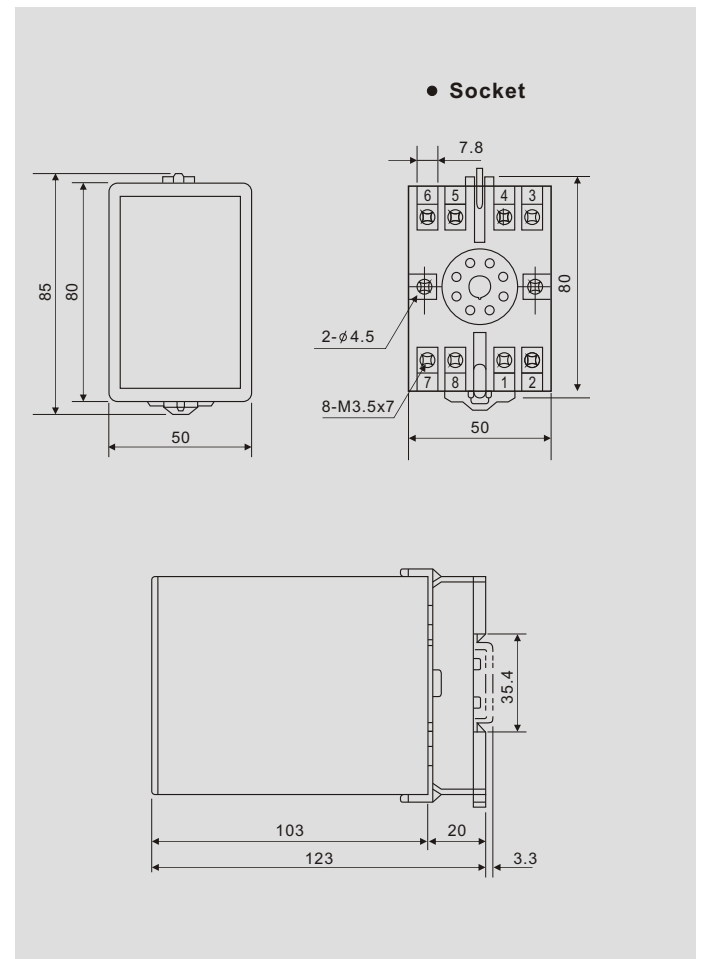
■ **MODEL: S4 - DT - D** — — —
INPUT : DC 4-20 mA

NO.	DC Output 1 Range	Load R.	NO.	DC Output 2 Range	Load R.	NO.	Power Supply
V1	0 ~ 100mV	$\geq 100K\Omega$	10	0 ~ 100mV	$\geq 100K\Omega$	1	AC 110V
V2	0 ~ 1V	$\geq 1K\Omega$	11	0 ~ 1V	$\geq 1K\Omega$	2	AC 220V
V3	0 ~ 5V	$\geq 1K\Omega$	12	0 ~ 5V	$\geq 1K\Omega$	0	Option
V4	0 ~ 10V	$\geq 1K\Omega$	13	0 ~ 10V	$\geq 1K\Omega$		
V5	1 ~ 5V	$\geq 1K\Omega$	14	1 ~ 5V	$\geq 1K\Omega$		
A1	0 ~ 1mA	0 ~ 10K Ω	16	0 ~ 1mA	0 ~ 10K Ω		
A2	0 ~ 10mA	0 ~ 1K Ω	17	0 ~ 10mA	0 ~ 1K Ω		
A3	0 ~ 20mA	0 ~ 500 Ω	18	0 ~ 20mA	0 ~ 500 Ω		
A4	4 ~ 20mA	0 ~ 500 Ω	19	4 ~ 20mA	0 ~ 500 Ω		
A5	20 ~ 4mA	0 ~ 500 Ω	20	20 ~ 4mA	0 ~ 500 Ω		
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SPECIFICATION

Accuracy	$\pm 0.1\%$ RO.
Power supply	AC 110V $\pm 15\%$, 50/60Hz AC 220V $\pm 15\%$, 50/60Hz
Input resistance	$\geq 200K\Omega$ (mV) $\geq 1M\Omega$ (V) $\leq 50\Omega$ (20mA)
Response time	≤ 400 msec.
Input resistance	$\leq 50\Omega$
Output ripple	$\leq 0.5\%$ RO. (peak-peak)
Operating temp.	0 ~ 60 °C
Storage temp.	-10 ~ 70 °C
Temp. coefficient	≤ 150 PPM/°C
Span adjustment	$\geq \pm 10\%$
Zero adjustment	$\geq \pm 5\%$
Max. relative humidity	95%
Isolation	Input/Output/Power/Case
Insulation resistance	$\geq 100M\Omega$ DC 500V
Short circuit protection current limited	40mA Maximum
Protected time duration	No limited
Dielectric strength	Input/Output/Power/Case All Terminal/Case AC 1.8KV/min.
Impulse withstand test	3KV, 1.2 X 50 μ S Common mode & differential mode
Power consumption	\leq AC 5VA

DIMENSIONS (UNIT : mm)



CONNECTION DIAGRAM

