



THREE OUTPUT DC SIGNAL TRANSMITTER

S3-DT
SERIES



FEATURES

- Accuracy: $\pm 0.1\%$ RO.
- Wide input and output range selection
- Steady voltage, current and low ripple output
- The case can be mounted on a 35mm rail which complies with DIN 46277

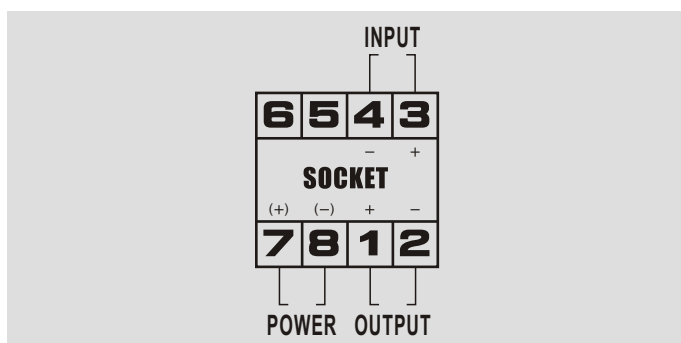
■ MODEL: S3 - DT - [] - [] - []

NO.	DC Input Range	NO.	DC Output Range	Load R.	NO.	Power Supply
V1	0 ~ 10mV	10	0 ~ 100mV	$\geq 100K\Omega$	1	AC 110V
V2	0 ~ 100mV	11	0 ~ 1V	$\geq 500\Omega$	2	AC 220V
V3	0 ~ 1V	12	0 ~ 5V	$\geq 500\Omega$	3	DC 110V
V4	0 ~ 5V	13	0 ~ 10V	$\geq 500\Omega$	4	DC 48V
V5	1 ~ 5V	14	1 ~ 5V	$\geq 500\Omega$	5	DC 24V
V6	0 ~ 10V	15	-10 ~ 10V	$\geq 1K\Omega$	6	DC 12V
V7	-10 ~ 10V	16	0 ~ 1mA	0 ~ 15K Ω	0	Option
V8	0 ~ 100V	17	0 ~ 10mA	0 ~ 1.5K Ω		
A1	0 ~ 1mA	18	0 ~ 20mA	0 ~ 500 Ω		
A2	0 ~ 10mA	19	4 ~ 20mA	0 ~ 500 Ω		
A3	0 ~ 20mA	20	20 ~ 4mA	0 ~ 500 Ω		
A4	4 ~ 20mA	00	Option			
00	Option					

SPECIFICATION

Accuracy	$\pm 0.1\%$ RO.
Power supply	AC 110V $\pm 15\%$, 50/60Hz AC 220V $\pm 15\%$, 50/60Hz DC 110V, 48V, 24V $\pm 10\%$
Input resistance	$\geq 200K\Omega$ (mV) $\geq 1M\Omega$ (V) $\leq 50\Omega$ (20mA)
Response time	≤ 400 msec.
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	$\geq \pm 20\%$
Zero adjustment	$\geq \pm 10\%$
Max. relative humidity	95%
Isolation	Input/Output/Power/Case
Insulation resistance	$\geq 100M\Omega$, DC 500V
Dielectric strength	Input/Output/Power AC 1.8KV/min. 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, \leq DC 3W

CONNECTION DIAGRAM



DIMENSIONS (UNIT : mm)

