

● Standard Performance

Conversion Accuracy	Within $\pm 0.25\%$ /F.S. at 10% or more of Span (@25°C $\pm 5^\circ\text{C}$)
Temp. Characteristics	Within $\pm 0.2\%$ of Span with every 10°C variation
Response Time	400msec max. (0~90%) @100% step input
GMRR	100dB min. (500V AC, 50/60Hz)
Signal Isolation	Between Input -Output - Power Supply
Isolation Resistance	100M Ω min. (@500V DC) Between Input -Output - Power Supply
Dielectric Strength	Between Input -Output - Power Supply :1500V AC, Shut Down Current 0.5mA for 1 min.
Measures against SWC	Conform to ANSI/IEEE C37.90.1-1989
Operating Environment	Temperature : -5~55°C Humidity : 5~90%RH (Non-Condensing)
Storage Temp.	-10~60°C

● Installation / Physical Specifications

Installation	DIN-rail mounting
Wiring	M3.5 screw terminal connection (Screw drop-protection) The attached shunt resistor to be fixed to terminal block.
Screw Tightening Torque	0.8~1[N·m] Recommendable
Outer Dimension	W24.5×H94.0×D40.0mm (Excluding shunt resistor)
Mass	90g max. Shunt resistor 5g max.

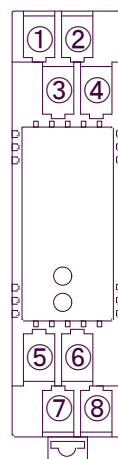
● Materials

Housing	ABS Resin (UL-94V-0)
Terminal Screws	Iron/Nickel-plated
P.C. Board	Glass-Epoxy (FR-4:UL-94V-0)
Moisture-proof Coating	HumiSeal Coating :HumiSeal 1A27NS(Polyurethane Resin)

● Compatible Standards

Compatible EC Directive	EMC Directive (2004/108/EC) EN61326-1:2006
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Terminal Arrangement / Signal Assignment



①	(L) INPUT
②	(N) INPUT
③	L INPUT
④	N INPUT
⑤	OUTPUT +
⑥	OUTPUT -
⑦	+ Power
⑧	- Supply

Block Diagram

