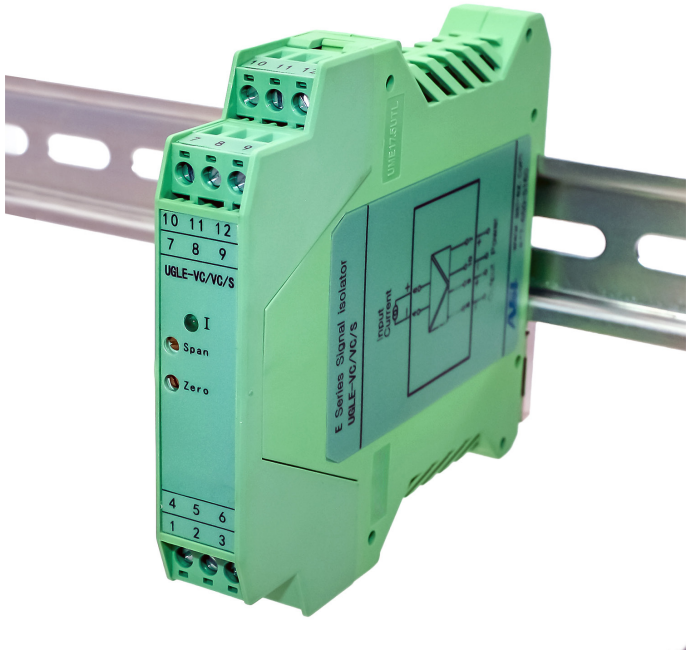
ASI451119 Analog Signal Isolator



The ASI451119 1-Channel 4-20mA Signal Isolator delivers high-accuracy signal conditioning, eliminating ground loops and electrical signal noise in industrial control applications. Designed for single-channel isolation, this unit ensures stable and interference-free transmission, protecting SCADA systems, PLCs, and process automation networks. DIN rail mount for easy installation, offering cost-effective performance similar to Weidmüller and Phoenix Contact.

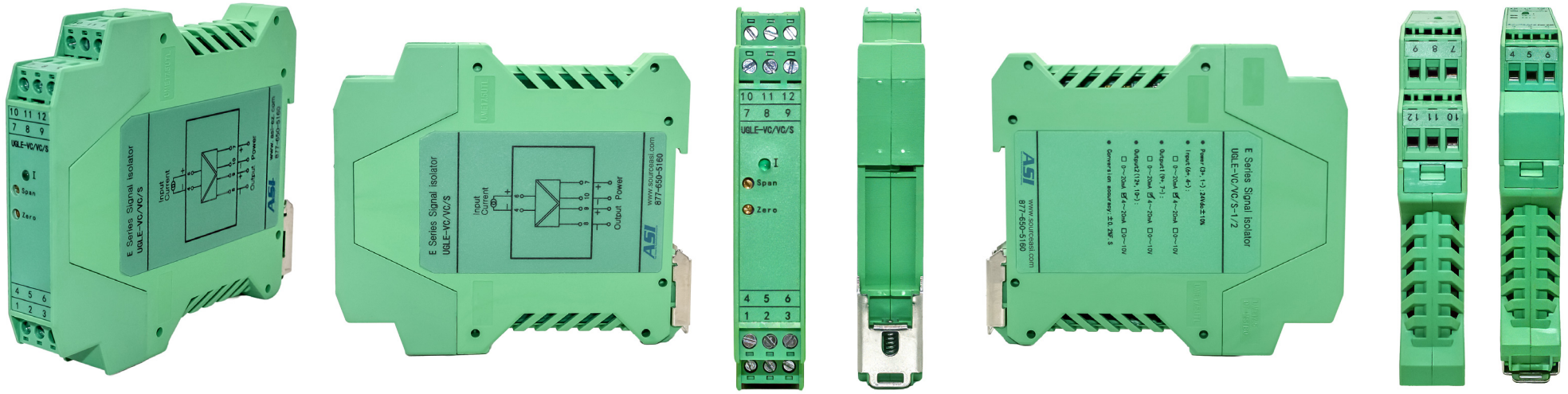
Key Features & Benefits:

- Prevents Ground Loops & Signal Noise –
  Ensures clean, interference-free signal transmission for precise process control.
- High Accuracy & Fast Response Time –
  Maintains precise signal integrity, ensuring reliable monitoring and automation.
- DIN Rail Mount for Easy Installation –
  Compact, space-saving design for seamless control panel integration.
- Industrial-Grade Construction –
  Built to withstand harsh electrical environments with superior durability.
- Cost-Effective Alternative to Premium Brands –
  Delivers the same high-performance features as Weidmüller, Phoenix Contact, and Industrial Control Direct at a better value.

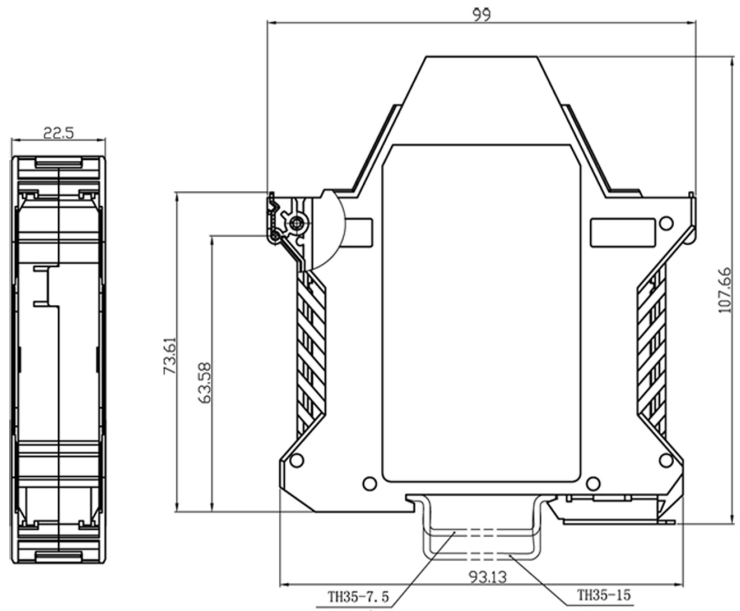
1-Channel High Accuracy | UGLE-VC/VC/S	ASI451119
Dimensions	
Depth/Width/Height	99 x 17.5 x 114 mm
Input	
Input Signal	4-20mA
Input Impedance	≤ 100 Ω
Output	
Output Signal	4-20mA
Load Resistance	RL ≤ 300 Ω
Technical Information	
Power Supply	24V DC ± 10%
Power Dissipation (24V)	≤ 60mA
Output Accuracy (20° C)	0.2% FS
Temperature Drift (-20°~+60 °C)	0.05% FS/10° C
Response Time	≤ 100mS
Insulation Strength	1000 Vac, 1 min
Insulation Resistance	≤ 100M Ω
Electromagnetic Compatibility	GB/T 18268 (IEC 61326-1)
Environment Temperature	-20° ~ +60 °C

Proprietary Information

Addtional Photos



Drawings/Diagrams



Basic Circuit Diagram
UGLE-VC/VC/S

