

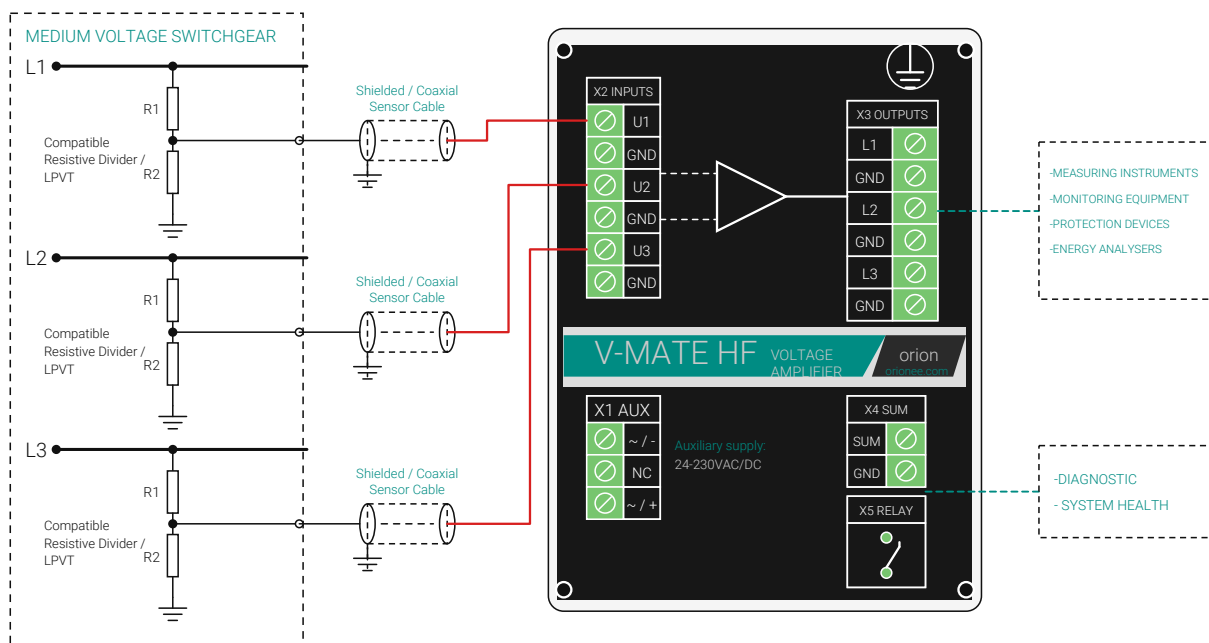


Three-phase voltage amplifier designed for compatible LPVT and resistive voltage sensors, converting low-voltage sensor outputs into standard phase-to-neutral secondary voltage levels for metering, monitoring, and protection relay applications.

Features

- Three-phase voltage amplification
- Factory-configured input burden for sensor matching
- Compliant with IEC 61869-1 & IEC 61869-11
- Power, SUM and phase status LEDs
- No risk of ferroresonance
- Standard input voltage of $3.25/\sqrt{3}$ VAC per phase
- Class 0.2 or Class 0.5 accuracy options
- Wide-range 24–230 VAC/DC auxiliary supply
- Compact and maintenance-free design
- Suitable for medium-voltage switchgear applications

Connection Diagram



Fully vector-based SVG drawing for product documentation.

Technical Parameters

ELECTRICAL

Auxiliary Power Supply	24–230V AC/DC
Rated Frequency	50/60 Hz
Standard Input Voltage*	3.25/ $\sqrt{3}$ VAC per phase
Output Voltage Options*	100/ $\sqrt{3}$, 110/ $\sqrt{3}$, or 120/ $\sqrt{3}$ VAC per phase
Power Consumption	< 8VA
Accuracy Class*	$\leq 0.2\%$ or $\leq 0.5\%$
Phase Displacement	$\leq 10'$ for Class 0.2; $\leq 20'$ for Class 0.5
Accuracy Bandwidth	WB1 up to 3 kHz
Rated Output Power	0.5 VA per channel
Standard Input Burden*	200 k Ω // 350 pF
Sensor Inputs	3 channels
Amplified Voltage Outputs	3 phase outputs
Three-Phase Summation Output	Available
Relay Output	Available
Status LEDs	Power, L1, L2, L3, SUM

MECHANICAL

Dimensions	112.20×103×40.20 mm
Weight	390g
Installation	35 mm DIN Rail Mount (EN 50022)

OPERATING CONDITIONS

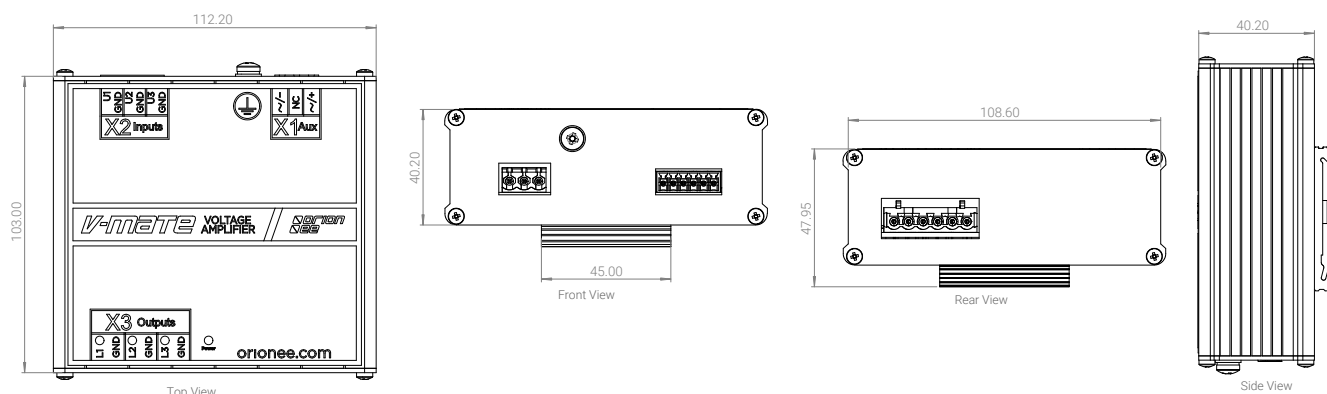
Operating Temperature	–20 °C to +55 °C
Storage Temperature	–40 °C to +70 °C

Protection Class

IK-07 / IP40

(*) : other values upon request

Technical Drawings



Required data for order

- Required accuracy class: Class 0.2 or Class 0.5
- Required output voltage: $100/\sqrt{3}$, $110/\sqrt{3}$, or $120/\sqrt{3}$ VAC
- Required input burden: standard 200 k Ω // 350 pF or another value upon request