

ADT151X-4 AC Current Quad Trip Amplifier

- Suitable for SIL 1, SIL 2 & SIL 3 rated (IEC61508-2) safety system loop applications
- Supply Voltages: 20Vac $\pm 20\%$
115Vac $\pm 20\%$
240Vac $\pm 20\%$
24Vdc $\pm 2.5V$
48Vdc $\pm 5V$
- RFI Protection to IEC61000-4-3:2006/A2:2010 available
- Front fascia Digital Display available ('DI Option)
- AMELEC Standard 10 year warranty

Performance

Trip settability: $\pm 1\%$
Trip repeatability: $\pm 0.1\%$
Response time: $< 400\text{ms}$

Environmental Conditions

Storage Temperature: -40 to 70°C
Operating Ambient: -15 to 55°C
Relative Humidity: $5 - 95\% \text{ RH}$

Dimension

152w x 81h x 137d (mm)

Mounting

Din Rail (TS35) **or** Surface by corner fixing holes as standard

Technical Specifications

Input

Any current that can be stepped down to 50mA or 5A via a Current Transformer.

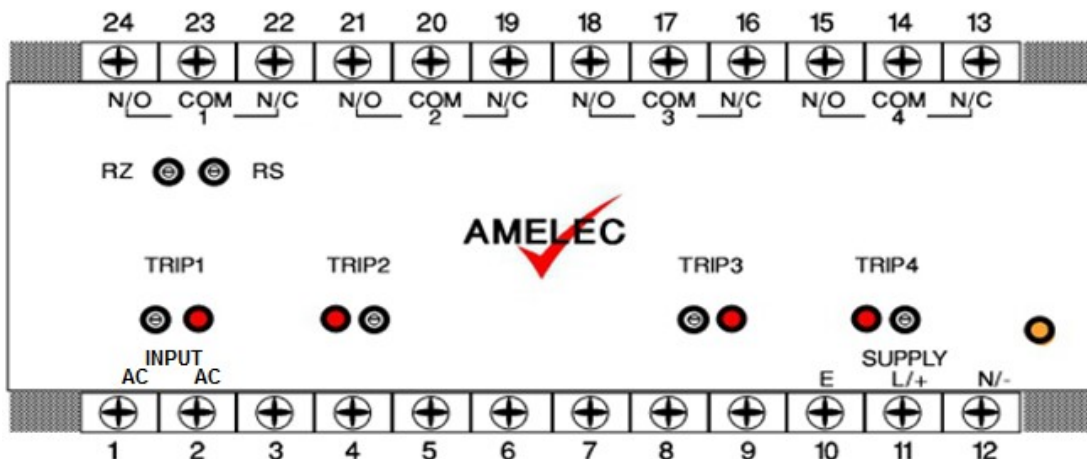
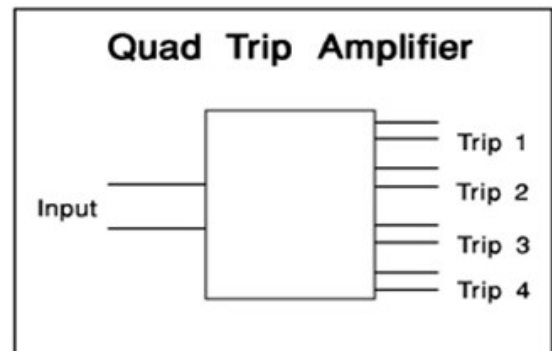
E.g 100A ac Can be terminated via a Splitcore CT with 2000:1 step down ratio.

Outputs

Each trip output is a set of changeover contacts, rated at 250VAC, 2A, 100VA (resistive).

Isolation

1000V RMS. Input/output/Contacts/Supply



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