

Features:

- ▶ User programmable trip level and timer delay
- ▶ DIN Rail/ Flush mounting
- ▶ CT available in various sizes
- ▶ Compliance with IEC 947-1

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**Advantages:**

- ▶ DIN Rail/Flush Mounted
- ▶ Protects human life
- ▶ Continuous Fault current detection
- ▶ No nuisance trips

Applications:

- ▶ Generator Control Panel
- ▶ Distribution Control Panel
- ▶ Protection Control Panel

Input Specification

Status	Normally de-energised
Reset	Manual

Output Specifications

Relay Output	Single pole change over 24V DC 5A 240V AC 5A
Relay Contacts	1 potential free contact (NO, C & NC)/ 2 C/O Optional (energise on trip)
Contact Rating	6A/230V AC/28V DC

Functional Specifications

Earth Fault current	Via CT (10% to 100% of I_n)
Power ON Delay	Approx. 1 sec
Trip Time Delay	0.1 sec to 10 sec
Voltage Rating	90-270V AC/DC
Current	CT Secondary (I_n 1A/5A)
Overload	x2 continuously, x10 for 3 sec as per BS6253
Burden	3VA max.

Supply Specifications

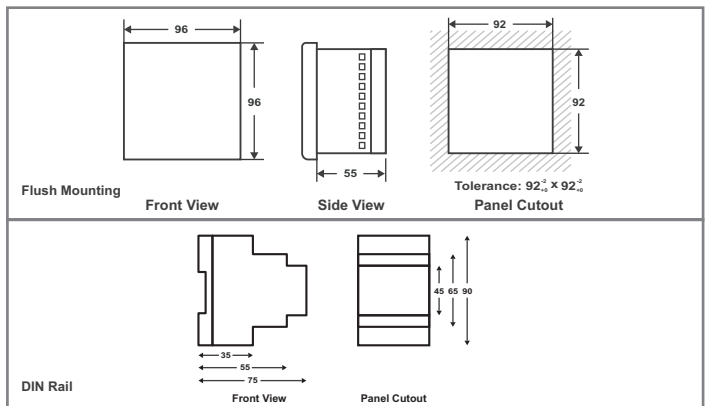
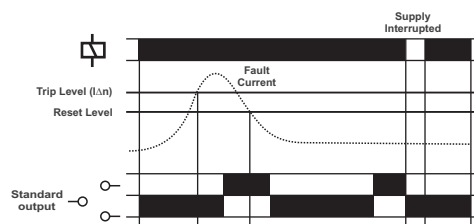
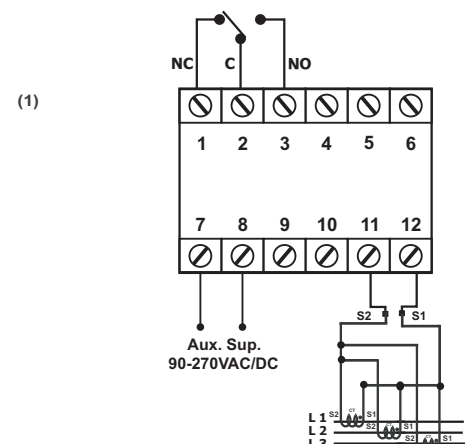
Supply Voltage	90-270 VAC/DC ($\pm 15\%$)
Supply Frequency	50/60 Hz
Power Consumption	3VA max.

Environmental Specification

Operating Temperature	-10°C to 70°C
Storage Temperature	-20°C to 50°C
Humidity	< 95% RH

Mechanical Specification

Weight	228 g
Dimensions	45x90x75mm /96x96x55 mm(WxHxD)
Mounting	DIN Rail (35mm)/ Flush Mounting with side clamps
Enclosure	ABS Thermoplastic

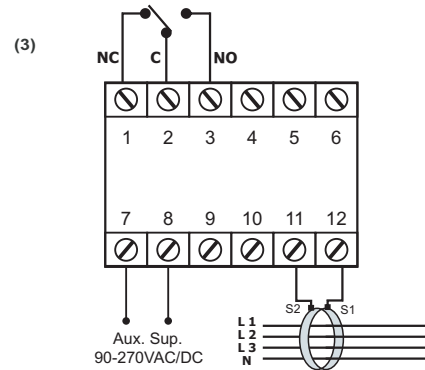
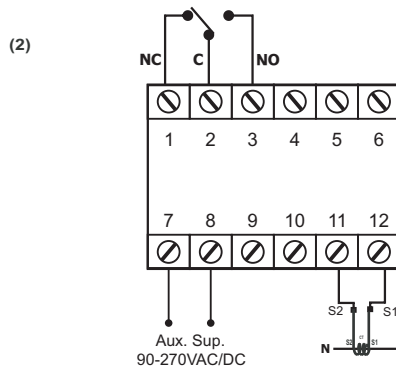
Dimension**Functional Diagram****Connection Diagram**

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Connection Diagram



Ordering Information

Ordering Code	Current Rating	Description
VIPS 98-5A-DIN	0.5-5 A	DIN rail EFR 5A
VIPS 98-1A-DIN	0.1-1 A	DIN Rail EFR 1 A
VIPS 98-5A-FLU	0.5-5 A	Door mount EFR 5A
VIPS 98-1A-FLU	0.1-1 A	Door Mount EFR 1 A

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