

# Mains and volt free relay - AT-012

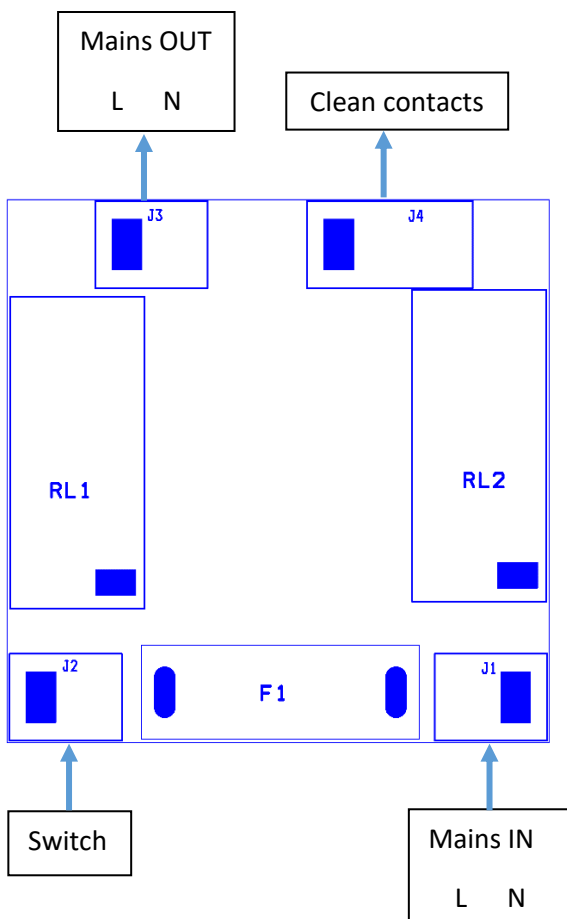


## Product overview

The relay will activate only when the contacts on the Switch input are closed, Mains voltage will then appear on the 'Mains Out' terminals and the clean contacts will change over.

The switch terminal current is so low (<8mA) that a normal reed switch will be suitable to activate both relays.

**Caution!** The reed switch terminals are at Mains potential



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## Specification

| <b>Device Rating</b>                         |                   |
|--|-------------------|
| Nominal operating voltage                    | 230VAC            |
| Minimum operating voltage                    | 175AC             |
| Maximum operating voltage                    | 250VAC            |
| Switch Operating Current                     | < 8mA             |
| Typical contact operating life at rated load | 50,000 operations |
| Maximum switching rate                       | 600 per hour      |
| <b>Mains Out Terminal Rating</b>             |                   |
| Relay type                                   | SPNO              |
| Rated Current 240VAC – (Cos $\phi$ > 0.4)    | 6 amps            |
| <b>Volt Free Contact Rating</b>              |                   |
| Relay type                                   | SPDT              |
| Maximum switching voltage                    | 250VAC            |
| Minimum Switching voltage                    | 5VDC              |
| Rated switching voltage                      | 240VAC            |
| Rated Current 240VAC – (Cos $\phi$ > 0.4)    | 6 amps            |
| Rated Current DC – 30V Resistive Load        | 5 amps            |
| <b>Dimensions</b>                            |                   |
| PCB only                                     | 52 x 52mm         |
| Enclosure Wiska 308                          | 85 x 85 x 50mm    |