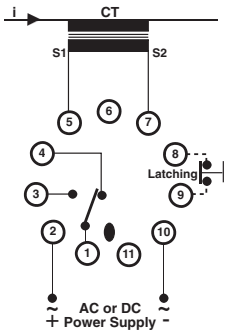
RHOMBERG
www.rhomberg.com.au

Fail-safe technology provides peace-of-mind protection 24/7



1 + 3 Normally Open (energised)

1 + 4 Normally Closed (de-energised)

All Rhomberg monitoring relays are designed to work in a fail safe, or fail-to-safe manner. What exactly does this mean? An explanation by way of an example should help:

One of the common Rhomberg monitoring relays is the SP103 current monitor (which can be used to protect a motor from over current as one of its many applications). When the current is too high, the relay contact switches to disconnect the power to the motor, providing protection from damage. *Fail-safe simply means that the relay coil is energised under normal conditions, and will only de-energise - and the C/O contact will switch over - under the following conditions:*

- The current exceeds the current setpoint
- The monitoring relay circuit itself goes faulty
- The monitoring relay loses power

Hence if there is a fault with either the motor or the monitoring relay, the motor will be protected.

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