



# Protection Class Timer

2T105

A crystal oscillator & embedded micro controller based timing circuit are employed to provide accurate timing & flexible functionality. When a control signal is applied to the timer initiate input, a counter begins counting down from the thumb wheel switch setting. When the zero is detected, the output relay contacts & flag operate.

Three time ranges are selected via a front panel switch. An internal configuration switch can be used to select a x10 range multiplier to provide up to 990s of precision time delay. Two timing modes are available:

Time delay ON mode (Relay starts timing after the initiate control signal is applied & output contact picks up after the pre-set time delay has elapsed) or;

Time delay OFF mode (Relay output contact picks up instantaneously when the initiate control signal is applied, starts timing after the initiate control signal is removed & drops out after the pre-set time delay has elapsed).

An amber LED on the front panel indicates when the relay has been initiated & flashes during timing. The **2T105** timer may be specified with a number of different reset functions to provide instantaneous reset, definite time reset or induction disc reset emulation. These functions are specified at time of order.



View this product at: [www.rmspl.com.au/2t105.htm](http://www.rmspl.com.au/2t105.htm)

## Protection Class Timer

- > Four time ranges: 0-0.99s, 0-9.9s, 0-99s, 0-990s
- > High accuracy & repeatability timing compensated for output relay delay
- > Time settings easily selected by digital thumb wheel switches
- > Selectable delay operate or delay release
- > Optional reset functions
  - Instantaneous, definite time, count down
- > 4 C/O output contacts
- > Wide auxiliary supply range with fail alarm contact
- > Timing in progress LED
- > Non-volatile trip indication
- > Multi voltage timer initiate input
- > Multi voltage flag reset input
- > Made in Australia