

# Current Check Relay

2C65

The **2C65** Series relay is a three pole current detector with independently adjustable sensing circuits driving a common adjustable digital setting timing element.

Five (5) status inputs & eight (8) relay outputs are provided as standard to allow the **2C65** to be operated in a number of different configurations:

- > Time delayed or instantaneous output contacts;
- > Phase segregated or 3 phase output contacts;
- > Single phase or 3 phase current initiation inputs;
- > Timer initiate input logic;

After pick up & time out the latching target indicator (LED or magnetic flag), is set.

The flag may be reset at the front panel or remotely reset via a status input.

Fully solid state sensing & measuring circuitry is employed with each phase current setting continuously adjustable on a front panel control. Air core CT's are employed to provide a very fast reset characteristic.

The wide range switchmode power supply, input current transformer, output relays & status inputs form the essential barriers against high voltage line transients.



View this product at: [www.rmspl.com.au/2c65.htm](http://www.rmspl.com.au/2c65.htm)

## Current Check Relay

- > 10:1 PU setting ranges Select from two options:
- > 5-50% or 20-200% of nominal input current
- > 1A or 5A nominal CT's
- > Fast reset time (<15ms at 20x setting)
- > Phase segregated initiate input
- > 3 phase initiate input
- > Internal timer initiate input
- > Non volatile trip flag
- > Remote flag reset input
- > Current pick up LED per phase
- > 8 C/O output contacts
- > Three time ranges – 0-0.99s, 0-9.9s, 0-99s,
- > High accuracy & repeatability timing compensated for output relay delay
- > Time settings easily selected by digital thumb wheel switches
- > Timing in progress LED
- > 40-300V DC auxiliary supply
- > Optional 20-70V DC supply
- > Made in Australia