



Sensitive Earth Fault Relay

2C138

The **2C138** SEF relay provides sensitive earth fault protection with a high degree of accuracy over a wide range of input current settings & offers the high sensitivity & harmonic suppression required for this application. The harmonic suppression feature combined with high frequency noise immunity minimizes any possibility of malfunction.

The **2C138** also offers an adjustable time delay, to manage situations where high impedance faults develop slowly, ensuring the main protection operates on high fault currents. An instantaneous output contact may be configured.

Current & time settings are fully adjustable using DIL switches readily accessible on the front panel of the relay & provide a high level of repeatability & accuracy. Visual indication of an output relay operation is provided by a non volatile LED indicator which may be hand or remotely reset.

A configurable status input is provided to ENABLE the operation of the **2C138** on application or removal of a control voltage.

The **2C138** may be configured with a number of different reset functions to provide instantaneous reset, definite time reset or induction disc reset emulation.

A switchmode power supply provides a very wide auxiliary operating range. A relay fail alarm is provided in the form of a C/O contact which is picked up when the auxiliary supply is healthy.



View this product at: www.rmspl.com.au/2c138.htm

RMS | **Mors Smitt** | **Reyrolle** | **Idec**

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- > High sensitivity (0.5% of In)
- > 3rd harmonic & HF noise suppression – tuned to 50 Hz
- > Optional reset functions:
 - Instantaneous, definite time, count down
- > 40-300V DC auxiliary supply
- > Optional 20-70V DC supply
- > Power supply fail relay drops out if the auxiliary supply fails.
- > Low CT burden & high thermal rating
- > Optional 1A or 5A CT input
- > Instantaneous pick up LED
- > Configurable output contacts
- > 0-31s time delay (125ms steps)
- > Push button / electrical flag reset
- > Non-volatile trip indication
- > Multi voltage inhibit / enable input
- > Multi voltage flag reset input
- > Made in Australia