

The 2C73 relay provides high speed differential protection for various items of power system plant including generators, busbars, motors & the individual windings of power transformers. It is also suitable for restricted earth fault protection applications.

The relay measuring element is basically an attracted armature unit of simple & rugged construction. The operating coil of this unit is connected in series with an inductor & capacitor forming a resonant circuit. These components are energised from a transformer which is tapped to provide seven (7) current settings. Setting is achieved using a plug bridge arrangement on the front panel. The relay circuit is tuned to the supply frequency & rejects harmonics produced by current transformer saturation. A slight time delay

on operation is provided to ensure stability on heavy external faults.

Related Equipment:

- > Voltage operated differential / REF protection relay; www.rmspl.com.au/2v73.htm
- > BUS protection rack solutions; www.rmspl.com.au/handbook/1m123.htm
- > Metrosil & resistor modules; www.rmspl.com.au/2v75.htm
- > CT supervision & shorting relay; www.rmspl.com.au/2v68.htm



View this product at: www.rmspl.com.au/2c73.htm



Product news

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2C73 High Impedance Differential/REF Relays

- > High speed operation
- > High sensitivity
- > High stability for through faults
- > 10-40% or 20-80% setting range in 7 steps
- > Optional 1A or 5A CT input
- > Tuned to 50Hz or 60Hz
- > <25ms operation at 5x setting
- > Hand reset mechanical flag
- > 2 heavy duty N/O trip contacts
- > Rugged attracted armature sensing elements
- > Use 3 independent units for 3 phase applications
- > Size 2M draw out case
- > Alternative to Areva MFAG14 / 34
- > Made in Australia

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