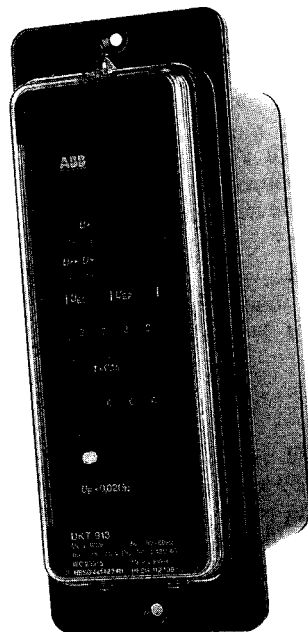
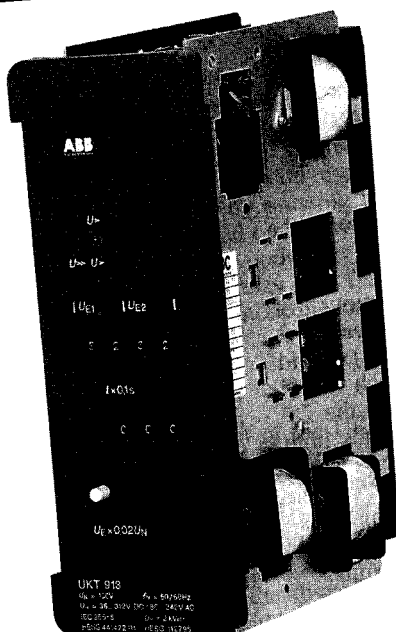


# UKT913

*Definite time voltage relay*



## Features

- Plug-in static three-phase time delayed voltage relay in standard ABB size 1 casing
- Provision for selecting either overvoltage- and undervoltage measuring modes with either pick-up or reset delay
- Selection of different operation modes with two stages for overvoltage, undervoltage, phase sequence monitoring and symmetry of voltage amplitudes by plug-in links
- High reset ratio
- Wide pick-up and timer setting ranges with high-resolution
- All settings with by thumbwheel switches from which the settings can be read off
- Low burden input circuit
- Front plate LED signals for pick-up and tripping with hand reset button
- Front plate LED signal and remote signalling contact to show that the relay is in order and standing by
- Supply from battery with 36-312 V dc (or 18-36 V dc) or from single phase mains 80-242 V, 50/60 Hz

## Application

Because of its wide setting ranges, high reset ratio and accurate, finely graduated timer, the definite time voltage relay UKT913 is suitable for all the usual voltage relay applications in three-phase power systems.

Its two voltage units can be set for either over or undervoltage detection and the relay is also able to monitor phase-sequence. The voltage units are independent of each other and both evaluate

the positive and negative sequences of the phase-to-neutral voltages applied to the relay, which enables the relay to also monitor the symmetry of the three phase voltages.

The auxiliary supply for the relay can be obtained from either a d.c. or an a.c. source, as with the other protection relays of the 900 series, but it can also derive its auxiliary supply from the input voltage it is measuring.