

NOTES ON OPERATION OF **SPEED RELAYS**

The "ROTECH" Speed Relays operate as a speed sensing relay.

- If the speed of the drive shaft is above the speed set on the dial the output relay is **ENERGISED**.
- If the speed of the drive shaft is below the speed set on the dial the output relay is **DE-ENERGISED**.

In most systems when the shaft is rotating at its normal speed, the relay is energised and de-energised if for any reason the shaft slows down or stops. The N.O and N.C change over relay contacts are voltage free i.e. there is no internal connection within the module.

The most common system configuration is to connect the N/O contact in the retaining circuit of the motor starter controlling the drive shaft.

In applications of slow start-up drives where it may take several seconds for the drive to reach its normal running speed the "ROTECH" range of Speed Relays have an optional "start delay" timer keeping the output relay energised for a set period of approximately 5 to 10 seconds.

This feature is automatic when supplied fitted to the SR4000/ASD series of speed relay.

Browse the Rotech Website 'Products Page – Speed Relay's' for further details.

Connection to Rotech AUE 400 speed relay

