



**Protection Features:**

- ✓ 4 Element (3 Phase + EF) Non Directional Over current IDMT/DMT.
- ✓ Selection of Curve: Five selectable curve (Normal Inverse1 (C1), Normal Inverse2, (C2) Very inverse (C3), Extremely inverse (C4), Long time inverse (C5)) and Define Time (C6)
- ✓ Instantaneous Over-Current Protection with adjustable timer.
- ✓ Breaker Failure detection
- ✓ In-built CB Trip Circuit Supervision function during pre closing and post closing of CB.
- ✓ On site CT Secondary selection 1A or 5A.
- ✓ **Internal calculation of zero seq. current (3I<sub>0</sub>) for Earth fault**
- ✓ **Wide range Power supply input 18V to 250V AC/DC**
- ✓ **Cold Load Pickup**
- ✓ **RS 485 communication port (at rear side) for remote SCADA.**

- ✓ **IEC60870-5-103 Protocol for communication**

**Relay Design Features:**

- ✓ 16 x2 LCD Backlit display for Parameter and setting display
- ✓ Online display of CB status and other digital and logical status.
- ✓ Continuous monitoring of module's internal hardware and alarm generation in case of failure of any critical components.
- ✓ 4 Digital Output contacts for local alarm as Trip
- ✓ 2 dedicated status input for Trip Circuit Monitoring
- ✓ 5 nos of Fault data stored with keypad interface and time stamping.

**Description:**

ADR241C is second generation Numerical 3OC + 1EF Over Current Relay. It consist all the

*Note: Due to our policy to upgrade our products constantly, we reserve the right to supply products which may vary slightly from that indicated above.*

