

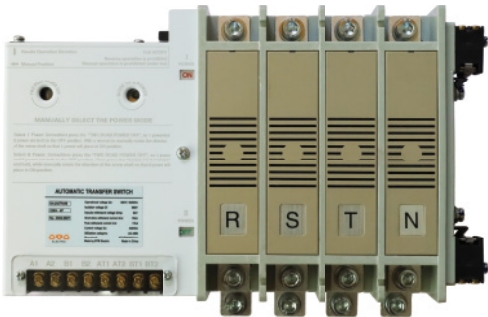
# Product datasheet

## Specifications

### Automatic Transfer Switches

#### TN type 250A 4P 500V

BA250TN4M



|  |                                   |             |
|--|-----------------------------------|-------------|
| Standard   | IEC/EN 60947-6-1 / IEC 60664-1    |             |
| Model  | BA250TN                           |             |
| Rated operational current, I <sub>n</sub>            | 250A                              |             |
| Number of poles                                      | 4                                 |             |
| Rated frequency                                      | 50/60Hz                           |             |
| Rated Operational Voltage, U <sub>e</sub>            | AC500V, DC125V                    |             |
| Rated Insulation Voltage, U <sub>i</sub>             | 690V                              |             |
| Impulse Withstand Voltage, U <sub>imp</sub>          | 8kV                               |             |
| Utilization Category                                 | AC-33iB                           |             |
| Switching frequency                                  | 60 times/h                        |             |
| Switching sequence                                   | A ↔ OFF ↔ B (ON-OFF-ON)           |             |
| Operating Time                                       | Making 'A' Power                  | ≤ 70ms      |
|  | Breaking "A" Power                | ≤ 25ms      |
|  | Making 'B' Power                  | ≤ 85ms      |
|  | Breaking "B" Power                | ≤ 25ms      |
| Rated short-time withstand current, I <sub>cw</sub>  | 10kA                              |             |
| Rated short-circuit making capacity, I <sub>cm</sub> | 17kA                              |             |
| Operating Voltage & Current                          | DC 110/125V                       | 6A          |
|  | AC 100/115V                       | 6A          |
|  | AC 200/240V                       | 4A          |
|  | Trip Coil                         | 3A          |
| Control voltage                                      | 85 ~ 110% Rated operating voltage |             |
| Withstand Voltage for Main circuit                   | 2500V/60s                         |             |
| Withstand Voltage for Control circuit                | 1500V/60s                         |             |
| Life time  | Electric                          | 5000 times  |
|  | Mechanic                          | 10000 times |
| Weight   | 8.4kg                             |             |
| Dimension (W x L x H)                                | 298.5x215x195mm                   |             |

