

# Product datasheet

## Specifications

### Automatic Transfer Switches

### TN type 2500A 4P 600V

HK-2500TNB4

|                                                      |                                   |            |
|------------------------------------------------------|-----------------------------------|------------|
| Standard                                             | IEC 60947-6-1 / UL1008            |            |
| Model                                                | TN type                           |            |
| Rated operational current, I <sub>n</sub>            | 2500A                             |            |
| Number of poles                                      | 4                                 |            |
| Rated frequency                                      | 50/60Hz                           |            |
| Rated Operational Voltage, U <sub>e</sub>            | AC690V, DC250V                    |            |
| Rated Insulation Voltage, U <sub>i</sub>             | 800V                              |            |
| Impulse Withstand Voltage, U <sub>imp</sub>          | 8kV                               |            |
| Switch capacity                                      | Class                             | AC3, DC1   |
| Switching frequency                                  | 100 times/h                       |            |
| Switching sequence                                   | A ↔ B, A ↔ OFF ↔ B                |            |
| Operating Time                                       | Break(Opening)                    | ≤ 35ms     |
|                                                      | Make Closing                      | ≤ 150ms    |
|                                                      | Make delay(Off)                   | ≤ 30ms     |
| Rated short-time withstand current, I <sub>cw</sub>  | 50kA                              |            |
| Rated short-circuit making capacity, I <sub>cm</sub> | 50kA                              |            |
| Operating Voltage & Current                          | AC110/120V                        | 35A        |
|                                                      | AC220/240V                        | 18A        |
| Control voltage                                      | 85 ~ 110% Rated operating voltage |            |
| Withstand Voltage for Main circuit                   | 3000V/60s                         |            |
| Withstand Voltage for Control circuit                | 1500V/60s                         |            |
| Life time                                            | Electric                          | 3000 times |
|                                                      | Mechanic                          | 5000 times |
| Weight                                               | 60kg                              |            |
| Dimension (W x L x H)                                | 640x412x465mm                     |            |

