

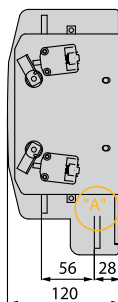
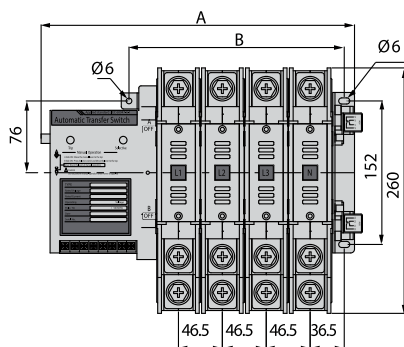
# Product datasheet

## Specifications

### Automatic Transfer Switches

#### HK-500TN 3P 500A 10kA

|                                                      |                                   |             |
|------------------------------------------------------|-----------------------------------|-------------|
| Standard                                             | IEC 60947-6-1 / UL1008            |             |
| Type                                                 | TN type                           |             |
| Rated operational current, I <sub>n</sub>            | 500A                              |             |
| Number of poles                                      | 3                                 |             |
| Rated frequency                                      | 50/60Hz                           |             |
| Rated Operational Voltage, U <sub>e</sub>            | AC600V, DC125V                    |             |
| Rated Insulation Voltage, U <sub>i</sub>             | 690V                              |             |
| Impulse Withstand Voltage, U <sub>imp</sub>          | 8kV                               |             |
| Switch capacity                                      | Class                             | AC3, DC1    |
| Switching frequency                                  | 150 times/h                       |             |
| Switching sequence                                   | A ↔ B, A ↔ OFF ↔ B                |             |
| Operating Time                                       | Break(Opening)                    | ≤ 30ms      |
|                                                      | Make Closing                      | ≤ 60ms      |
|                                                      | Make delay(Off)                   | ≤ 30ms      |
| Rated short-time withstand current, I <sub>cw</sub>  | 10kA                              |             |
| Rated short-circuit making capacity, I <sub>cm</sub> | 10kA                              |             |
| Operating Voltage & Current                          | AC110/120V                        | 20A         |
|                                                      | AC220/240V                        | 10A         |
| 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                                               | 7.5kg                             |             |
| Dimension (W x L x H)                                | 286x120x260mm                     |             |



| 400A<br>~ 500A | (mm) |     |
|----------------|------|-----|
|                | 3P   | 4P  |
| A              | 286  | 332 |
| B              | 182  | 228 |

