

# Product datasheet

## Specifications

### Automatic Transfer Switches

### NY type 630A 3P 500V with controller

BA630NY3M



|                                                      |                                   |              |
|------------------------------------------------------|-----------------------------------|--------------|
| Standard                                             | IEC/EN 60947-6-1 / IEC 60664-1    |              |
| Model                                                | BA630NY                           |              |
| Rated operational current, I <sub>n</sub>            | 630A                              |              |
| Number of poles                                      | 3                                 |              |
| 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 ↔ B (ON-ON)                     |              |
| Operating Time                                       | Change-over Time                  | ≤ 165ms      |
|                                                      | Opening Time                      | ≤ 65ms       |
|                                                      | Contact Transfer Time             | ≤ 125ms      |
| Rated short-time withstand current, I <sub>cw</sub>  | 12kA                              |              |
| Rated short-circuit making capacity, I <sub>cm</sub> | 30kA                              |              |
| Operating Voltage & Current                          | DC 110/125V                       | 15A          |
|                                                      | AC 100/115V                       | 15A          |
|                                                      | AC 200/240V                       | 8A           |
| Control voltage                                      | 85 ~ 110% Rated operating voltage |              |
| Withstand Voltage for Main circuit                   | 2500V/60s                         |              |
| Withstand Voltage for Control circuit                | 1500V/60s                         |              |
| Life time                                            | Electric                          | 35000 times  |
|                                                      | Mechanic                          | 180000 times |
| Weight                                               | 15kg                              |              |
| Dimension (W x L x H)                                | 357.5x222x289mm                   |              |

