

# Product datasheet

## Specifications

### Automatic Transfer Breaker

### ATB-16EX Fixed type 4P 1600A 50kA

|                                                  |          |                                   |
|--------------------------------------------------|----------|-----------------------------------|
| Standard                                         |          | IEC 60947-6-1                     |
| Type                                             |          | Fixed                             |
| Rated operational current, In                    |          | 1600A                             |
| Number of poles                                  |          | 4                                 |
| Neutral Pole                                     |          | Overlapping Contact               |
| Power cable connection method                    |          | Front bus bar connection          |
| Rated frequency                                  |          | 50/60Hz                           |
| Rated Operational Voltage, Ue                    |          | 690V                              |
| Rated Insulation Voltage, Ui                     |          | 1000V                             |
| Impulse Withstand Voltage, Uimp                  |          | 12kV                              |
| Max. Trip time                                   |          | 40ms                              |
| Max. Closing time                                |          | 60ms                              |
| Time of Motor Charging [Max.]                    |          | 10s                               |
| Rated short-time withstand current, Icw at 460V  |          | 50kA                              |
| Rated short-circuit making capacity, Icm at 460V |          | 110kA                             |
| 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 | 10000 times                       |
| Weight                                           |          | 140kg                             |
| Dimension (W x L x H)                            |          | 517x578x610mm                     |

