



# ATB<sub>TYPE</sub>

Automatic Transfer Switch

ACB Multivoltage

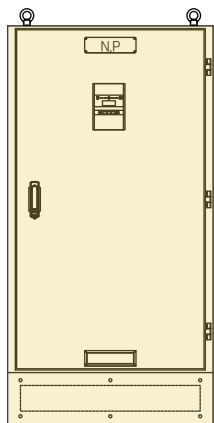


| TYPE                          | ATB-2000 | ATB-2500          | ATB-3200 | ATB-4000 | ATB-5000 | ATB-63EX |
|-------------------------------|----------|-------------------|----------|----------|----------|----------|
| Rated operational current[le] | A 2000A  | 2500A             | 3200A    | 4000A    | 5000A    | 6300A    |
| Rated Insulation voltage[Ui]  | V        | AC 1000V          |          |          |          |          |
| Rated operational voltage[Ue] | V        | AC 690V           |          |          |          |          |
| Rated frequency               | Hz       | 50/60Hz           |          |          |          |          |
| Number of pole                |          | 3, 4              |          |          |          |          |
| Neutral Pole 4 Pole Only      |          | Make Before Break |          |          |          |          |

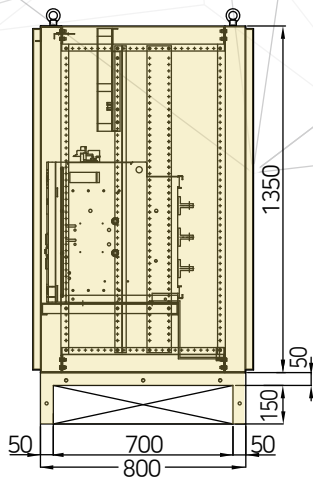
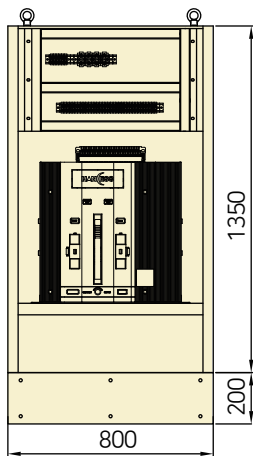
| Performance                                                   |               |       |               |     |     |     |     |               |     |               |     |               |
|---------------------------------------------------------------|---------------|-------|---------------|-----|-----|-----|-----|---------------|-----|---------------|-----|---------------|
| Rated short-time withstand current[ <i>I</i> <sub>scw</sub> ] |               | kA    | 50kA at 460V  |     |     |     |     | 65kA at 460V  |     | 85kA at 460V  |     | 100kA at 460V |
| Rated short-circuit making capacity[ <i>I</i> <sub>cm</sub> ] |               | kA    | 110kA at 460V |     |     |     |     | 143kA at 460V |     | 187kA at 460V |     | 220kA at 460V |
| Rated impulse withstand voltage[ <i>U</i> <sub>imp</sub> ]    |               | Class | 12kV          |     |     |     |     | 12kV          |     | 12kV          |     | 12kV          |
| Life time                                                     | Electric      | time  | 3,000         |     |     |     |     | 3,000         |     | 3,000         |     | 3,000         |
|                                                               | Mechanic      | time  | 10,000        |     |     |     |     | 10,000        |     | 6,000         |     | 6,000         |
| Max. Trip time                                                |               | msec  | 40            |     |     |     |     | 40            |     | 50            |     | 50            |
| Max. Closing time                                             |               | msec  | 60            |     |     |     |     | 60            |     | 80            |     | 80            |
| Time of Motor Charging [Max.]                                 |               | sec   | 10sec         |     |     |     |     | 10sec         |     | 10sec         |     | 10sec         |
| Weight (3 Pole) Kg                                            | Fixed Type    | 100   | 105           | 110 | 120 | 130 | 140 | 150           | 160 | 190           | 190 | -             |
|                                                               | Drawable Type | 135   | 142           | 150 | 162 | 176 | 190 | 203           | 216 | 330           | 330 | -             |
| Weight (4 Pole) Kg                                            | Fixed Type    | 110   | 115           | 120 | 130 | 140 | 150 | 160           | 170 | 255           | 255 | -             |
|                                                               | Drawable Type | 150   | 155           | 162 | 176 | 190 | 203 | 216           | 230 | 435           | 435 | -             |

\*Same Size

# Dimensions & Diagram



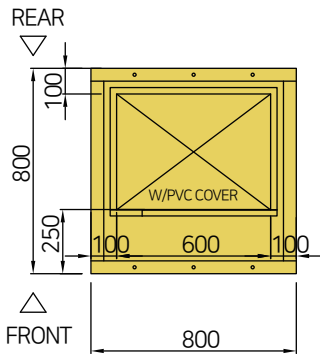
Dimensions In mm



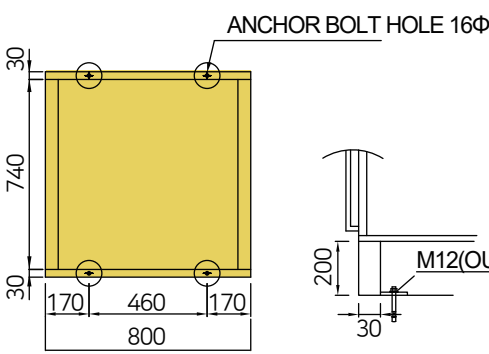
FRONT VIEW

INNER FRONT VIEW

SIDE VIEW

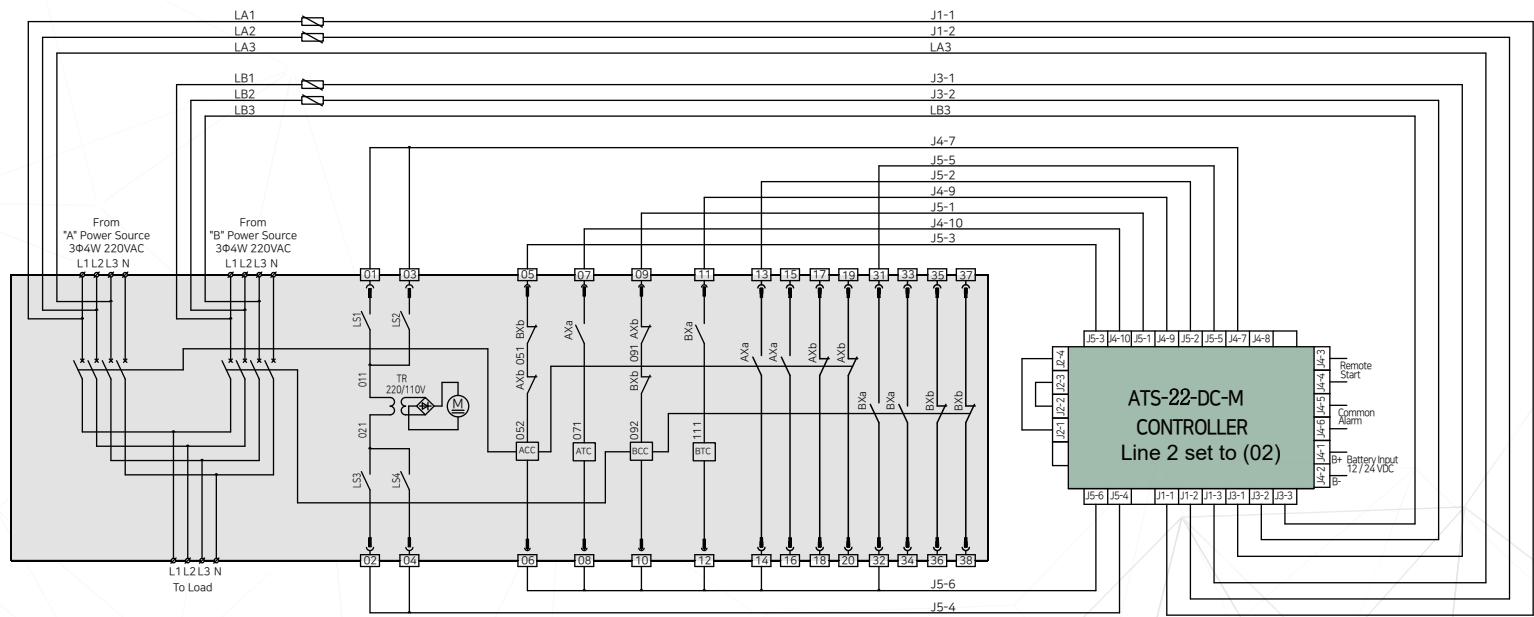


BOTTOM VIEW



BOTTOM VIEW

- LIST OF MATERIAL
- FRAME : STEEL 3.2t
  - FRONT DOOR STEEL
  - REAR DOOR: STEEL 2.3t
  - SIDE : STEEL 2.3t
  - OTHER : STEEL 1.6t
- PAINT COLOR  
MUNSELL NO. RAL 7032



| Part Name |                |     |                      | Operation Terminal |                                       |       |                                    |
|-----------|----------------|-----|----------------------|--------------------|---------------------------------------|-------|------------------------------------|
| <u>M</u>  | Charging Motor | ACC | "A"Side Closing Coil | 01,02              | "A"Side Charging Motor Power Terminal | 09,10 | "B"Side Input Power Terminal       |
|           |                | ATC | "A"Side Trip Coil    | 03,04              | "B"Side Charging Motor Power Terminal | 11,12 | "B"Side Trip Power Terminal        |
|           |                | BCC | "B"Side Closing Coil | 05,06              | "A"Side Input Power Terminal          | 13~20 | "A"Side Auxiliary Contact Terminal |
|           |                | BTC | "B"Side Trip Coil    | 07,08              | "A"Side Trip Power Terminal           | 31~38 | "B"Side Auxiliary Contact Terminal |