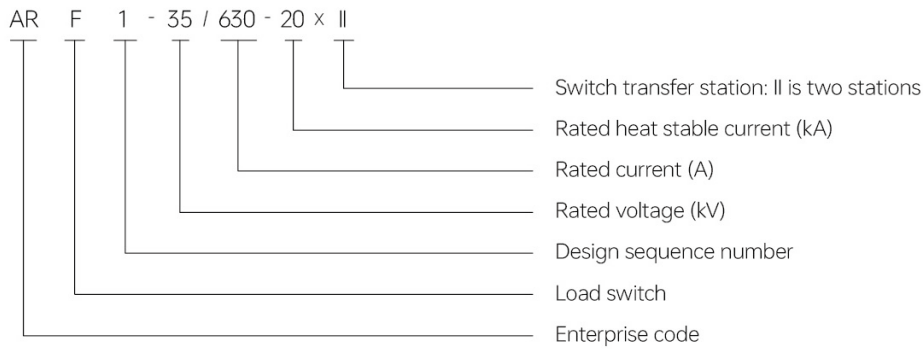


# ARF1 load switch

# ARF1 load switch

## 1. ARF1 model description



## 2. ARF1 technical parameters

| item | Classification feature                        |                                     |                          | ARF1  |     |     |
|------|-----------------------------------------------|-------------------------------------|--------------------------|-------|-----|-----|
| 1    | Rated passing current (A)                     |                                     |                          | 315   |     | 630 |
| 2    | Short-circuit current test<br>Test value (KA) | Thermal stability (2s RMS)          |                          | 16    |     | 20  |
|      |                                               | Dynamic stability                   |                          | 40    |     | 80  |
| 3    | Switch insulation level (kV)                  | Rated voltage                       |                          | 10    | 20  | 35  |
|      |                                               | Lightning impulse<br>1.2/50 mu (8)  | To the ground, alternate | 75    | 125 | 220 |
|      |                                               |                                     | Isolate the fracture     | 85    | 145 | 235 |
|      |                                               | Power frequency test Voltage (Imin) | To the ground, alternate | 42    | 55  | 95  |
|      |                                               |                                     | Isolate the fracture     | 48    | 65  | 120 |
| 4    | Main loop resistance (μQ)                     |                                     |                          | ≤200  |     |     |
| 5    | Mechanical life (second)                      |                                     |                          | >2000 |     |     |

### 3. ARF1 outline size drawing

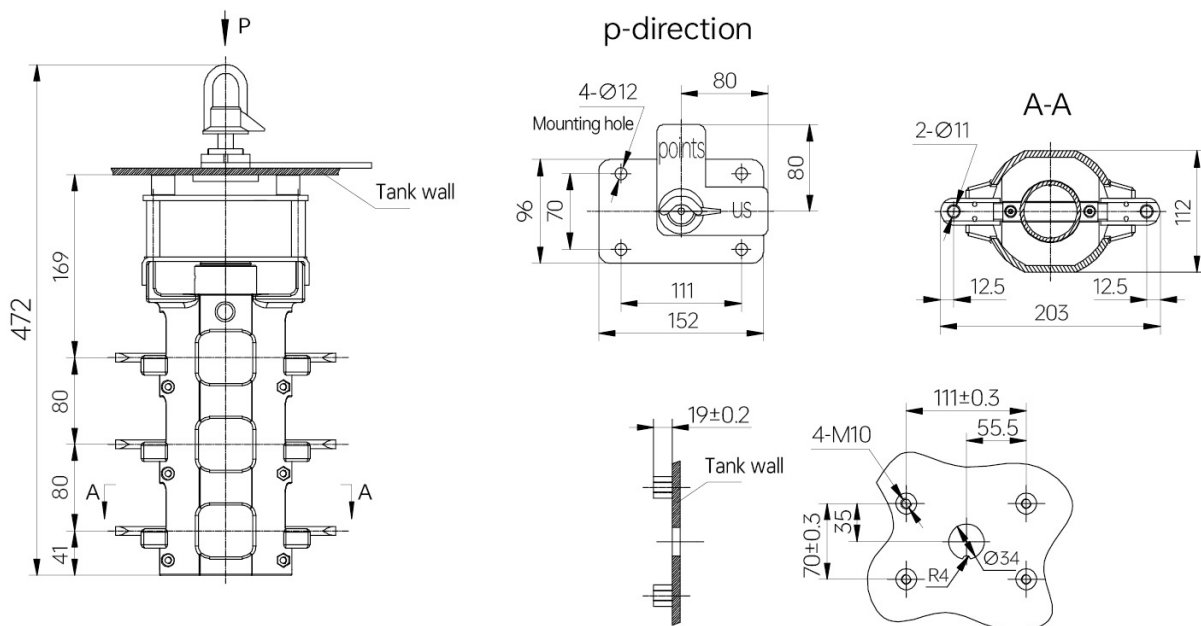


Figure 1 ARF1-10/630 (315) -20-II

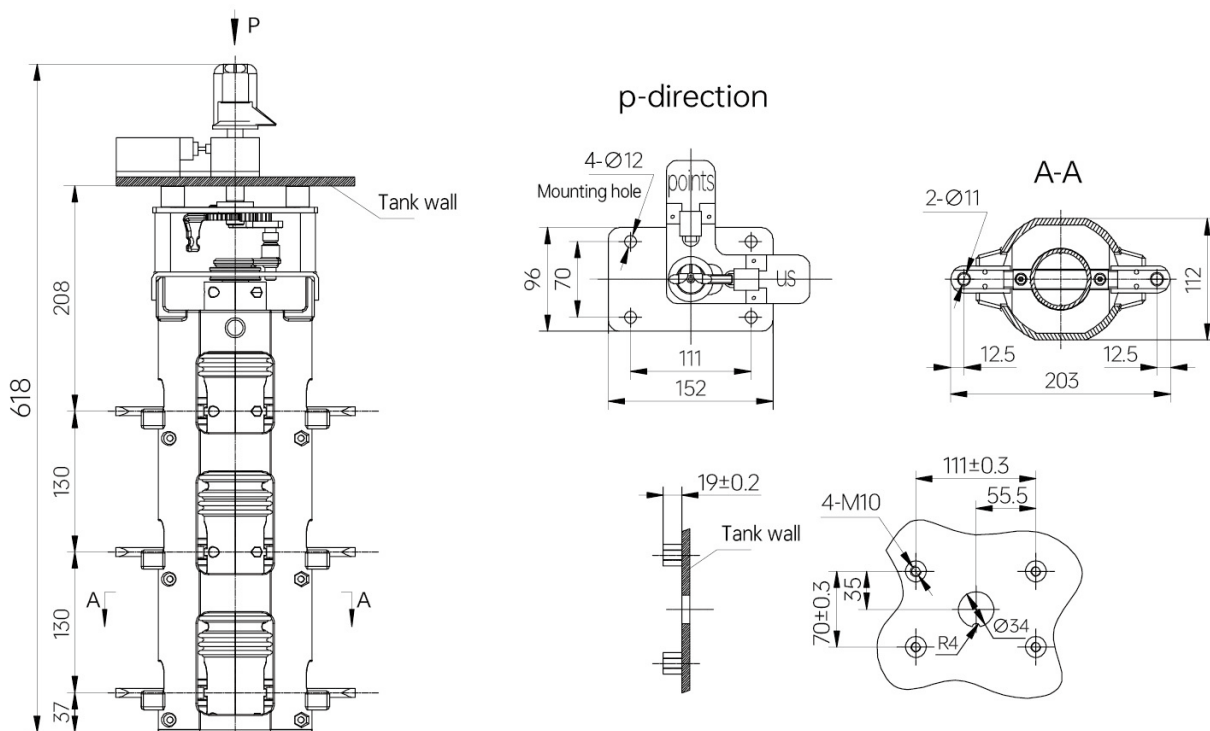


Figure 2 ARF1-35/630 (315) -20-II

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