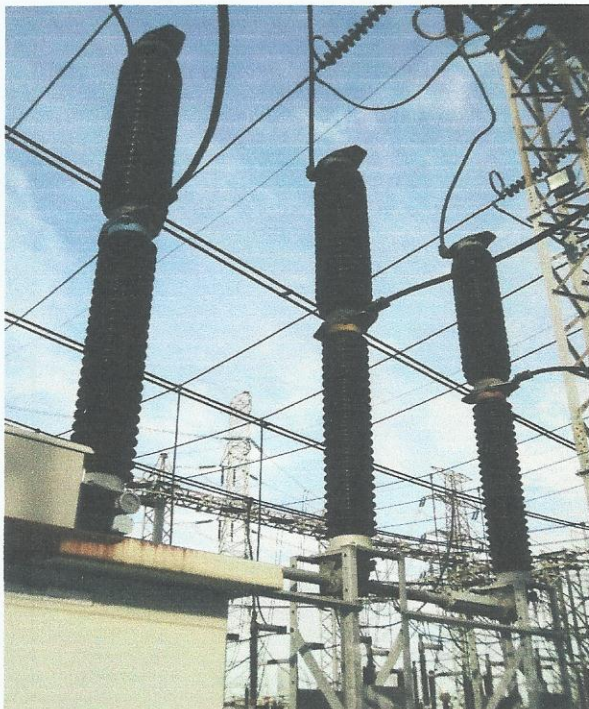


## DATA PERALATAN TERPASANG GI PLUMPANG

**BAY : TRAFO 1 60 MVA 150 / 20 KV**

| NAMA PERALATAN                                                                                       | DATA PERALATAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---|-----|------|---|--------------|-----------|---|--------------|---------|---|--------|----------------|---|--------|-----------|---|-------|--------------------------------------|---|--------|--------------------------------------|---|---|-------------------|---|-------|---------------------------|---|--|-----------------------|---|-------|---------------------------------|---|-------|----------------|---|--------|--------------------|---|----------------------------|---------------------------------|--|--|----------------------|---|----------|---------|---|----------|-----------|---|----------|----------|---|----------|-------------|---|-------|--------------------------------|---|---------|--------------|---|-------------|---------------------|---|------|---------------|---|-------------------|
| <p>PMT 150 KV</p>  | <table><tr><td>Merek</td><td>:</td><td>ABB</td></tr><tr><td>Type</td><td>:</td><td>LTB 170 D1/B</td></tr><tr><td>No. Serie</td><td>:</td><td>1HSB 0515073</td></tr><tr><td>Voltage</td><td>:</td><td>170 KV</td></tr><tr><td>Normal Current</td><td>:</td><td>3150 A</td></tr><tr><td>Frequency</td><td>:</td><td>50 Hz</td></tr><tr><td>Lightning Impulse With Stand Voltage</td><td>:</td><td>750 KV</td></tr><tr><td>Switching Impulse With Stand Voltage</td><td>:</td><td>-</td></tr><tr><td>Breacking Current</td><td>:</td><td>40 KA</td></tr><tr><td>Duration of Short Current</td><td>:</td><td></td></tr><tr><td>Short time current 3s</td><td>:</td><td>40 KA</td></tr><tr><td>Line charging breacking current</td><td>:</td><td>63 KA</td></tr><tr><td>Making Current</td><td>:</td><td>100 KA</td></tr><tr><td>Operating sequency</td><td>:</td><td>O - 0,3s - CO - 3 min - CO</td></tr><tr><td>SF 6 Gas Pressure abs (+ 20° C)</td><td></td><td></td></tr><tr><td>    Max working pressure</td><td>:</td><td>0,90 Mpa</td></tr><tr><td>    Filling</td><td>:</td><td>0,70 Mpa</td></tr><tr><td>    Signaling</td><td>:</td><td>0,62 Mpa</td></tr><tr><td>    Blocking</td><td>:</td><td>0,60 Mpa</td></tr><tr><td>    Mass of gas</td><td>:</td><td>10 kg</td></tr><tr><td>Total mass of Circuit Breacker</td><td>:</td><td>1535 kg</td></tr><tr><td>Order Number</td><td>:</td><td>244214 / 30</td></tr><tr><td>Year of Manufactory</td><td>:</td><td>2005</td></tr><tr><td>Tahun Operasi</td><td>:</td><td>10 September 2006</td></tr></table> | Merek                      | : | ABB | Type | : | LTB 170 D1/B | No. Serie | : | 1HSB 0515073 | Voltage | : | 170 KV | Normal Current | : | 3150 A | Frequency | : | 50 Hz | Lightning Impulse With Stand Voltage | : | 750 KV | Switching Impulse With Stand Voltage | : | - | Breacking Current | : | 40 KA | Duration of Short Current | : |  | Short time current 3s | : | 40 KA | Line charging breacking current | : | 63 KA | Making Current | : | 100 KA | Operating sequency | : | O - 0,3s - CO - 3 min - CO | SF 6 Gas Pressure abs (+ 20° C) |  |  | Max working pressure | : | 0,90 Mpa | Filling | : | 0,70 Mpa | Signaling | : | 0,62 Mpa | Blocking | : | 0,60 Mpa | Mass of gas | : | 10 kg | Total mass of Circuit Breacker | : | 1535 kg | Order Number | : | 244214 / 30 | Year of Manufactory | : | 2005 | Tahun Operasi | : | 10 September 2006 |
| Merek                                                                                                | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ABB                        |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
| Type                                                                                                 | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LTB 170 D1/B               |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
| No. Serie                                                                                            | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1HSB 0515073               |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
| Voltage                                                                                              | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 170 KV                     |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
| Normal Current                                                                                       | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3150 A                     |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
| Frequency                                                                                            | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 50 Hz                      |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
| Lightning Impulse With Stand Voltage                                                                 | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 750 KV                     |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
| Switching Impulse With Stand Voltage                                                                 | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                          |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
| Breacking Current                                                                                    | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 40 KA                      |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
| Duration of Short Current                                                                            | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                            |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
| Short time current 3s                                                                                | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 40 KA                      |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
| Line charging breacking current                                                                      | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 63 KA                      |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
| Making Current                                                                                       | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 100 KA                     |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
| Operating sequency                                                                                   | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | O - 0,3s - CO - 3 min - CO |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
| SF 6 Gas Pressure abs (+ 20° C)                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                            |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
| Max working pressure                                                                                 | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0,90 Mpa                   |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
| Filling                                                                                              | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0,70 Mpa                   |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
| Signaling                                                                                            | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0,62 Mpa                   |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
| Blocking                                                                                             | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0,60 Mpa                   |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
| Mass of gas                                                                                          | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10 kg                      |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
| Total mass of Circuit Breacker                                                                       | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1535 kg                    |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
| Order Number                                                                                         | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 244214 / 30                |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
| Year of Manufactory                                                                                  | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2005                       |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |
| Tahun Operasi                                                                                        | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10 September 2006          |   |     |      |   |              |           |   |              |         |   |        |                |   |        |           |   |       |                                      |   |        |                                      |   |   |                   |   |       |                           |   |  |                       |   |       |                                 |   |       |                |   |        |                    |   |                            |                                 |  |  |                      |   |          |         |   |          |           |   |          |          |   |          |             |   |       |                                |   |         |              |   |             |                     |   |      |               |   |                   |