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**Bushing Data:**

- **Rated Voltage:** 170 kV
- **Phase to Ground Voltage:** 123 kV
- **Dry Lightning Impulse 1,2/50µs:** 550 kV
- **Wet power frequency AC:** 230 kV
- **Routine test 1min dry 50Hz:** 260 kV
- **Rated Current:** 800 A
- **Creepage Distance:** 3890±100 mm
- **Creepage Distance Protected:** 1530 mm
- **Mass:** 70 kg

**Ordering Data:**

- **BUSHING COLOUR INSULATOR**
  - LF123061-M: BROWN
  - LF123061-N: LIGHT GREY
- **OUTER TERMINAL**
  - Material D: LF 170 002-A: Cu alloy, ø 30,125
  - LF 170 001-A: Al, ø 30,125
- **OTHER TYPES ON REQUEST**
  - INNER TERMINAL FOR STRANDED CABLE
    - For brazing: Conductor area D1
      - LF 170 011-S: up to 150mm² ø 18
      - LF 170 011-U: Undrilled with pilot hole ø 5
    - For crimping or brazing: Conductor area D1
      - LF 170 010-M: 50mm² ø 11
      - LF 170 010-N: 70mm² ø 13
      - LF 170 010-L: 95mm² ø 15
- **SOLID ROD CONNECTOR**
  - Material D: LF 170 019 -T for Alt.1
    - N/A for Alt.2

**Note:**

Mounting inclination 0-45°. △ For inclined and horizontal mounting, see Installation and Maintenance Guide.

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**Diagram Description:**

- **OUTER TERMINAL**
- **INNER TERMINAL FOR STRANDED CABLE**
- **END SHIELD**
- **SOLID ROD CONNECTOR**

The solid rod can be divided either:
- Alt.1: 20mm below the bushing flange or
- Alt.2: 20mm below the upper end of the bottom porcelain

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**Table:**

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**ABB Logo:**

- **Gold**
- **White**

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**Revised:**

- Date: 2013-05-07
- Note added

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**ABB Signature:**

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**Drawing Details:**

- **Sheet no.:** 1
- **Document no.:** 2751369-146
- **Designated by:** Niklas Olsson 2013-05-07
- **Prepared by:** Palpandi K 2013-04-26
- **Modified by:** iladmin 2008-04-30
- **Language:** English

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**Revision History:**

- GOB 550-800-0.1
- WITHOUT OIL LEVEL GAUGE LONG END SHIELD