This document is issued by means of a computerized system. The digitally stored original is electronically approved. The approved document has a date entered in the 'Approved'-field. A manual signature is not required.

The information contained in this document has to kept strictly confidential. Any unauthorized use, reproduction, distribution or disclosure to third parties are strictly forbidden. ABB reserves all rights regarding Intellectual Property Rights.

© Copyright 2013 ABB. All rights reserved.

### Bushing Data:
- **Rated Voltage**: 100 kV
- **Phase to Ground Voltage**: 72.5 kV
- **Dry Lightning Impulse 1,2/50µs**: 380 kV
- **Wet power frequency AC**: 150 kV
- **Routine test 1min dry 50Hz**: 162 kV
- **Rated Current**: 800 A
- **Creepage Distance**: 2210±70 mm
- **Creepage Distance Protected**: 870 mm
- **Mass**: 40 kg

### Ordering Data:
- **BUSHING**
  - COLOUR AIR INSULATOR
    - LF123187-M: BROWN
    - -N: LIGHT GREY
- **OUTER TERMINAL**
  - Material D L
  - 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
    - LF 170 019 -BF for Alt.1: Cu
    - LF 170 019 -BG for Alt.2: Cu

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