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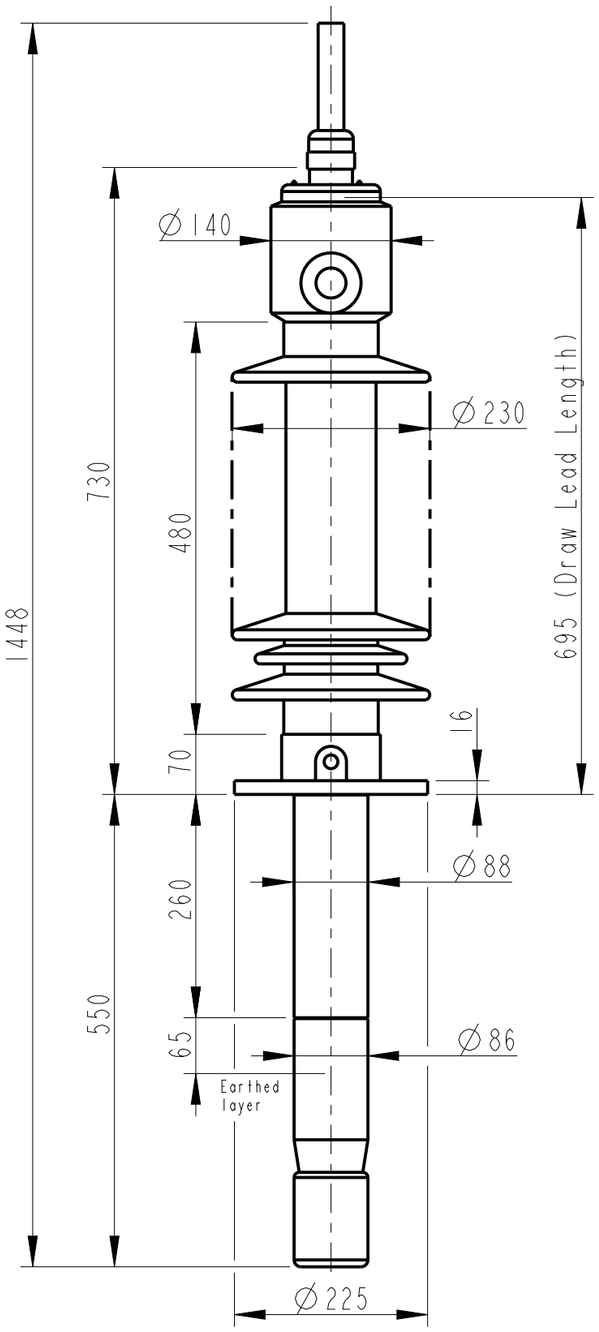
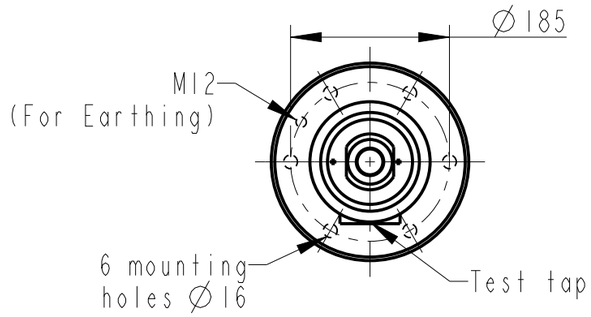
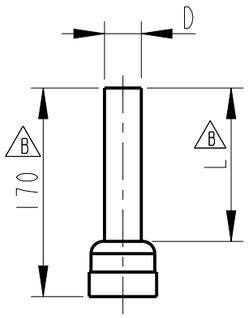
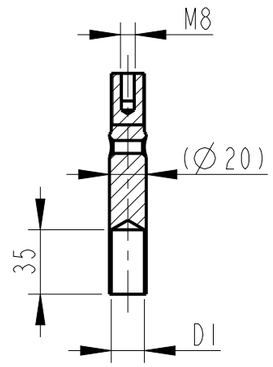


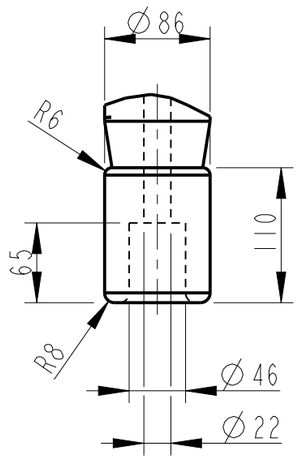

## OUTER TERMINAL



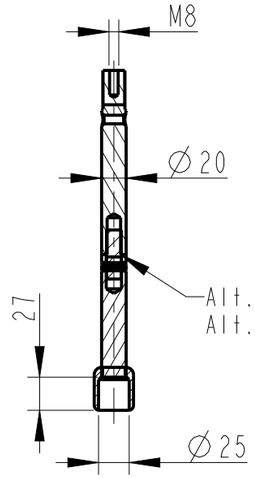

## INNER TERMINAL FOR STRANDED CABLE




## 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

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

## Bushing Data:

| | | |
|---|---|---|
| Rated Voltage | 52 | kV |
| Phase to Ground Voltage | 52 | kV |
| Dry Lightning Impulse 1,2/50µs | 250 | kV |
| Wet power frequency AC | 105 | kV |
| Routine test 1min dry 50Hz | 120 | kV |
| Rated Current | 800 | A |
| Creepage Distance | B 1690±50 | mm |
| Creepage Distance Protected | 580 | mm |
| Mass | 26 | kg |

## Ordering Data:

| BUSHING | COLOUR AIR INSULATOR | | |
|---|---|---|---|
| LF123173-M | BROWN | | |
| -N | LIGHT GREY | | B |
| **OUTER TERMINAL** | Material | D | L |
| LF 170 002-A | Cu Alloy | Ø30 | 125 |
| LF 170 001-A | Al | Ø30 | 125 |
| OTHER TYPES ON REQUEST | | | |
| **INNER TERMINAL FOR STRANDED CABLE** | | | |
| **For brazing** | Conductor area | | D1 |
| LF 170 011-S | up to 150mm² | | Ø18 |
| LF 170 011-U | Undrilled with pilot hole | | Ø5 |
| **For crimping or brazing** | Conductor area | | D1 |
| LF 170 010-M | 50mm² | | Ø11 |
| LF 170 010-N | 70mm² | | Ø13 |
| LF 170 010-L | 95mm² | | Ø15 |
| **SOLID ROD CONNECTOR** | Material | | |
| LF 170 019 -AS for Alt.1 | Cu | | |
| LF 170 019 -AT for Alt.2 | Cu | | |
| **TERMINAL PLATE** | Material | | |
| LF 170 014-A | Aluminium | | |
| LF 170 021-A | Nickel-Plated Copper | | |

ABB — Ludvika, Sweden

| | | | |
|---|---|---|---|
| No. | | | |
| Um/Uy | kV | Ir | A 50/60 Hz |
| BIL | SIL | AC | kV |
| M | kg | L | mm V |
| C1 | pF | Tan δ | x |
| C2 | pF | Tan δ | x |

| | | | |
|---|---|---|---|
| Prepared: iladmin | 2008-04-30 | Responsible department: PPCO/BK | Title: GOB 250-800-0.3 WITH OIL LEVEL GAUGE LONG END SHIELD |
| Modified by: Palpandi K | 2013-04-26 | Take over department | |
| Approved by: . | . | Used in product | |
| Revision: B — Hole added, Creep dist was 1500 & out terminal dim changed | | | Order |
| ABB | | | Document no.: 2751369-172 |

Language: 82 | Sheet no.: 1 | No. Shts.: (1)

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