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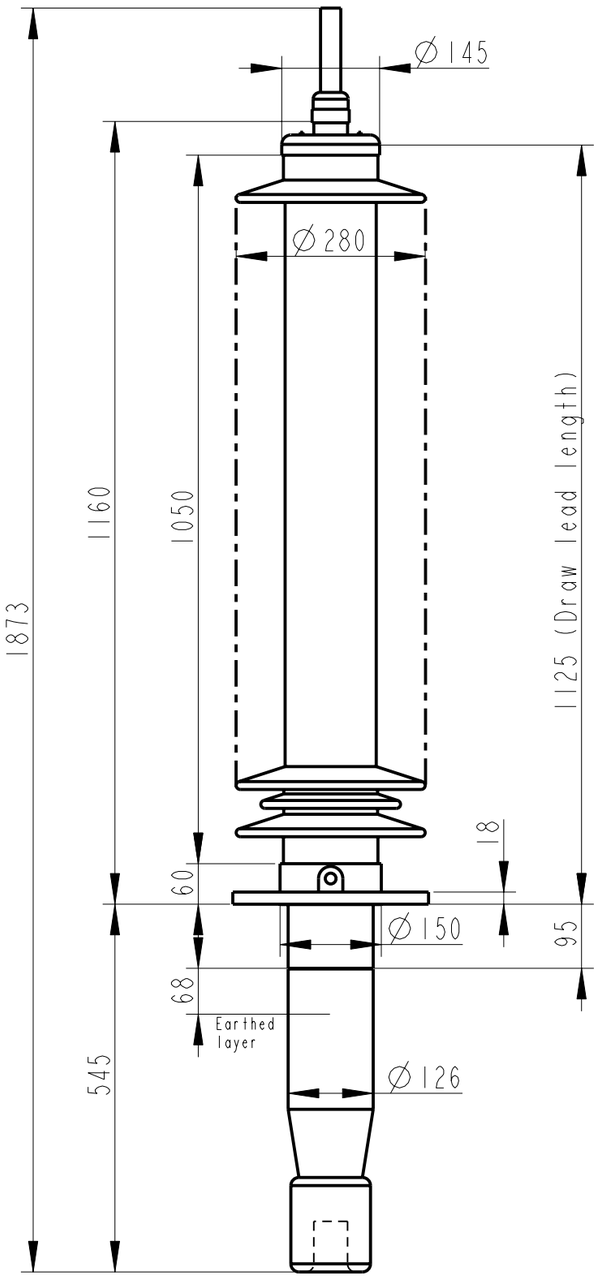
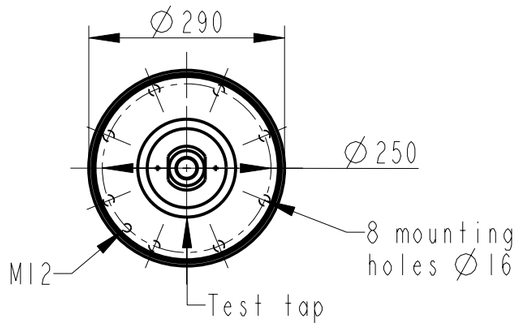
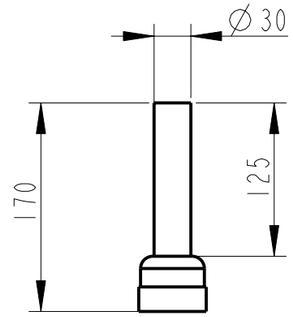
Rev Ind	Revision	Appd	Date
1		TL	01-38

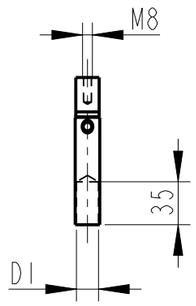




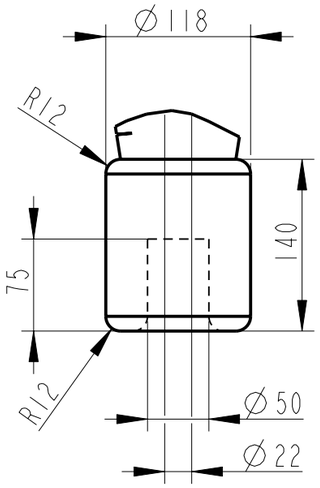
OUTER TERMINAL



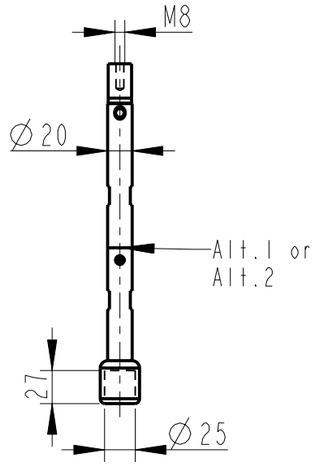
INNER TERMINAL FOR STRANDED CABLE



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

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	3430±100	mm
Creepage Distance Protected	1350	mm
Mass	70	kg

Ordering Data:

BUSHING	COLOUR AIR INSULATOR
LF123061-M	BROWN
-N	LIGHT GREY

OUTER TERMINAL

LF 170 002-A	Cu, Ø30, L=125
LF 170 001-A	Al, Ø30, L=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

LF 170 019 -T for Alt.1

N/A for Alt.2

ABB Components Ludvika, Sweden

No.
Ur-Uy kV Ir A 50-60 Hz
LI / SI / AC kV
M kg L mm V
C1 pF Tan δ x
C2 pF Tan δ x

Based on	Reg. No.	Title	
		GOB 550-800-0 WITHOUT OIL LEVEL GAUGE LONG END SHIELD	
Prepared: Lövnord	Responsible department: COM/BK 0036		Language: 82
Approved: Johansson	Take over department		
Design engineering review: Gudmundsson	Database		Page: 1(1)
ABB Components		Document No. 2751369-146	