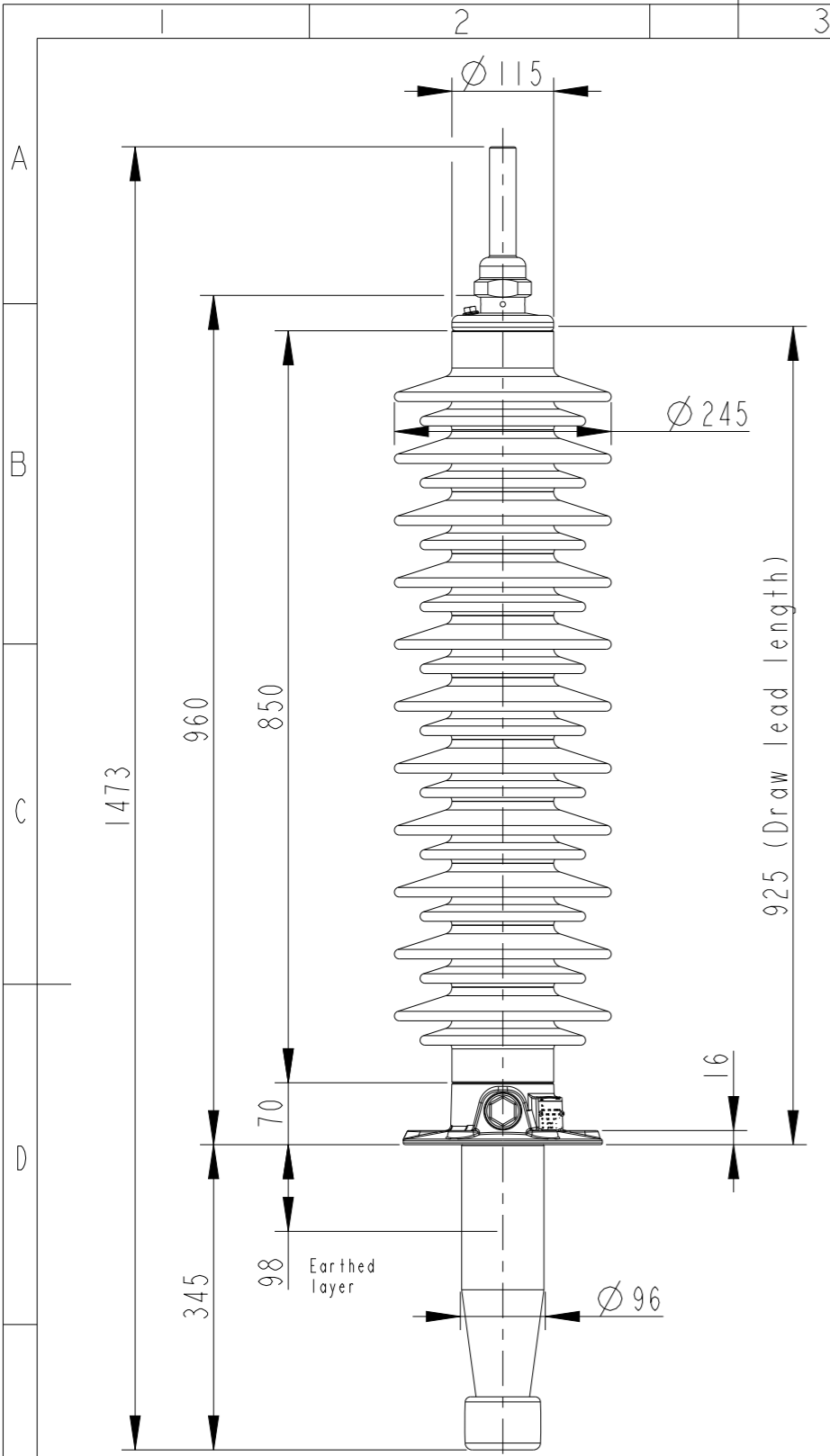
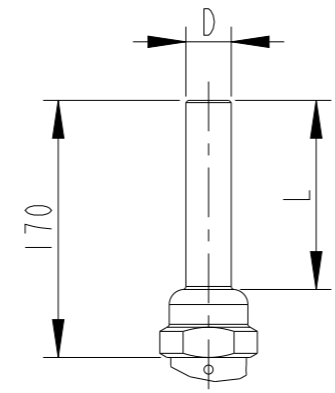


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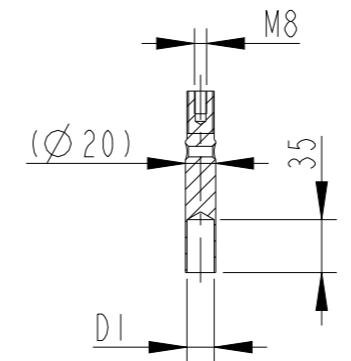
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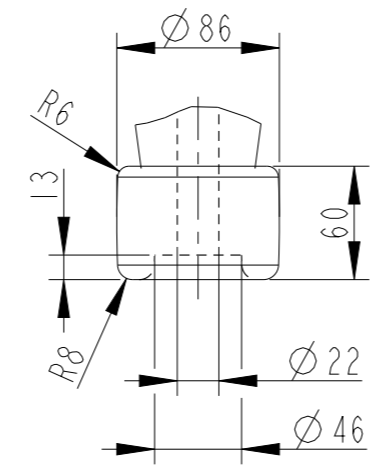
OUTER TERMINAL



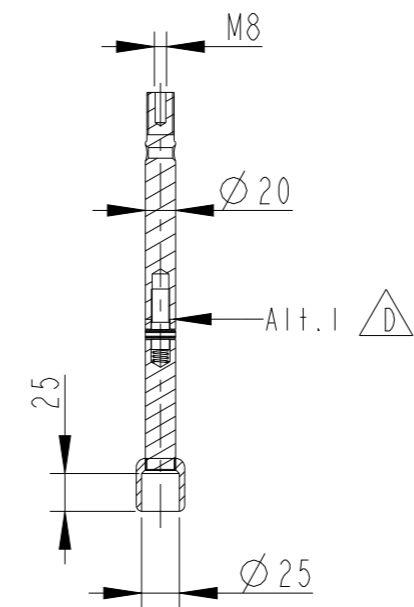
INNER TERMINAL FOR STRANDED CABLE



END SHIELD



SOLID ROD CONNECTOR



The solid rod can be divided either:
Alt.1: 20mm below the bushing flange

Revision	Revision text
D	Removed Alt.2, Changed the Phase to ground voltage from 90 to 71kV

Bushing Data:

Rated Voltage	123	kV
Phase to Ground Voltage	Δ 71	kV
Dry Lightning Impulse I, 2/50µs	450	kV
Wet power frequency AC	185	kV
Routine test Imin dry 50Hz	195	kV
Rated Current	800	A
Creepage Distance	2720±80	mm
Creepage Distance Protected	1060	mm
Mass	47	kg

Ordering Data:

BUSHING	COLOUR AIR INSULATOR	
LF123049-K	BROWN	
LF123049-L	LIGHT GREY	
LF123049-HK	BROWN	Horizontal 45° -90°
LF123049-HL	LIGHT GREY	Horizontal 45° -90°
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 150mm ²	Ø 18
LF 170 011-U	Undrilled with pilot hole	Ø 5
For crimping or brazing	Conductor area	D1
LF 170 010-M	50mm ²	Ø 11
LF 170 010-N	70mm ²	Ø 13
LF 170 010-L	95mm ²	Ø 15
SOLID ROD CONNECTOR	Material	
LF 170 019 -BL for Alt.1	Cu	

- 1) M12 (For Earthing)
- 2) Ø 4 Oil connection hole (only valid for horizontal mounting)

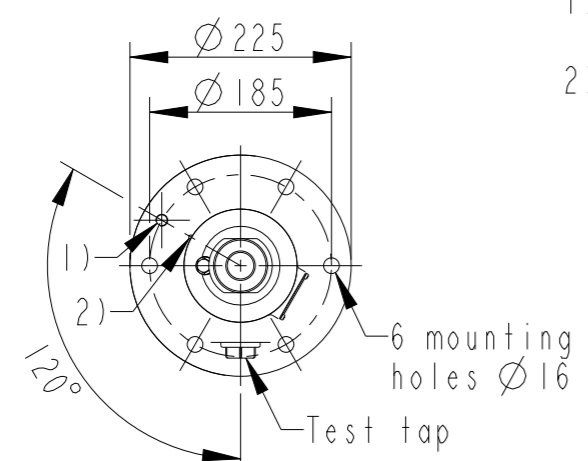


ABB		Ludvika, Sweden	
No.			
Um	kV Ir	A	50/60 Hz
BIL	kV SIL	kV AC	kV
M	kg L	mm	°
C1	pF Tan δ	x	
C2	pF Tan δ	x	

Approved 2020-01-08	Document Kind Outline Drawing	Based on doc.id	Work order id	Project id
Company ABB Technology Ltd	Title, Supplementary title GOB 450-800-0 WITHOUT OIL LEVEL GAUGE STD END SHIELD			
Responsible Department SEABB-9AAE300824	Document id 2751369-139	Status Released	Revision D	Iteration 1/1
ABB				