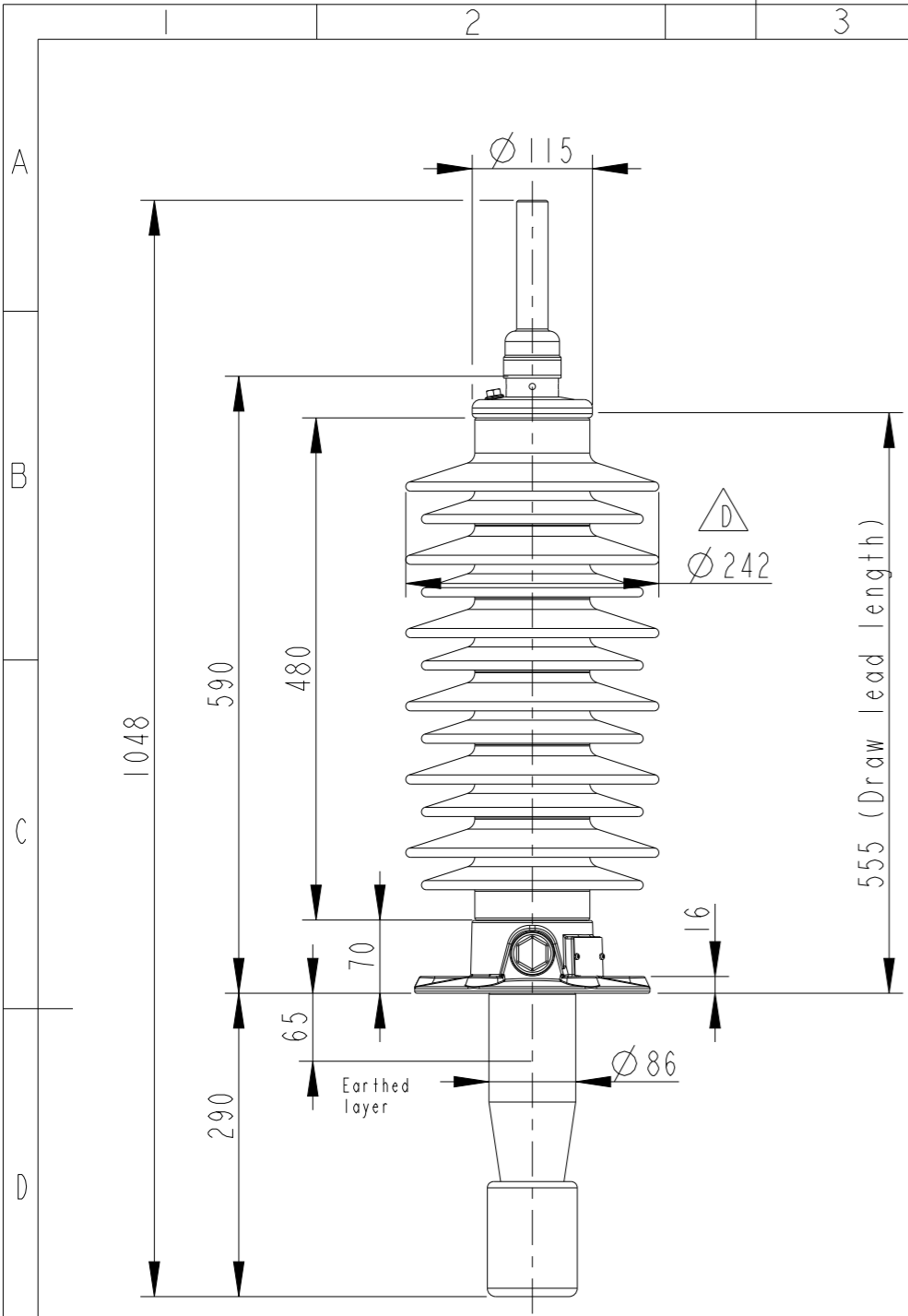


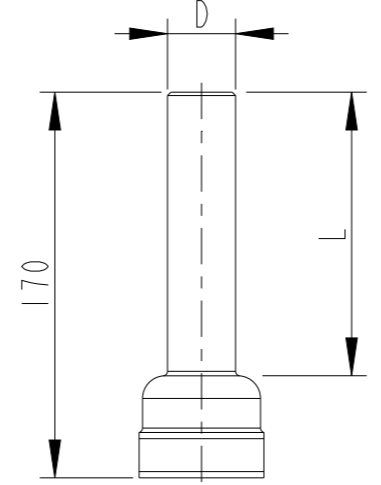
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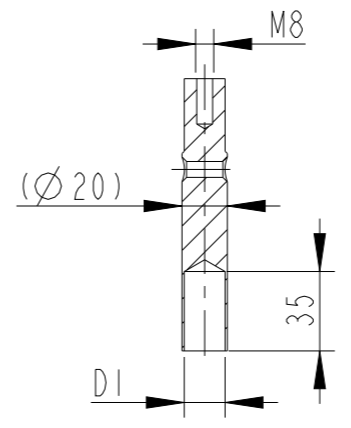
Revision	Revision text
D	Bushing data, Ordering data & Dims updated.



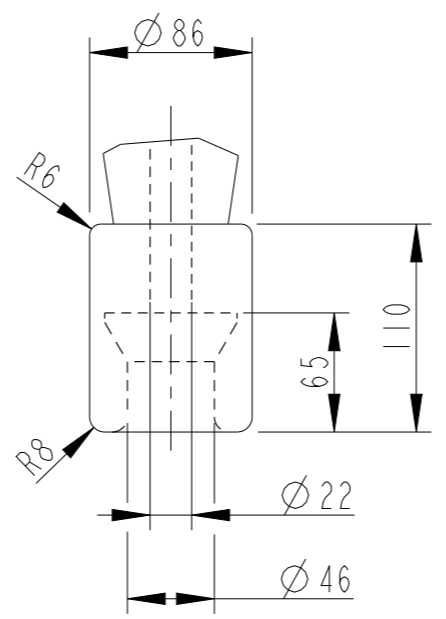
OUTER TERMINAL



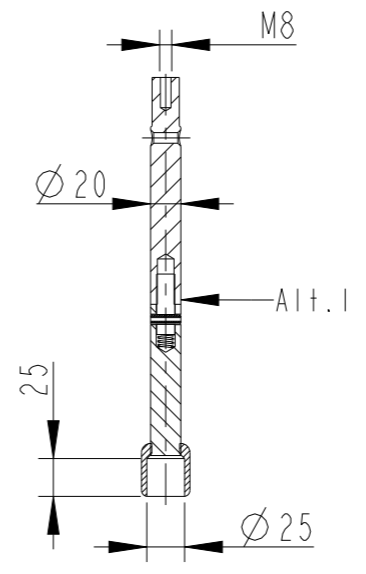
INNER TERMINAL FOR STRANDED CABLE



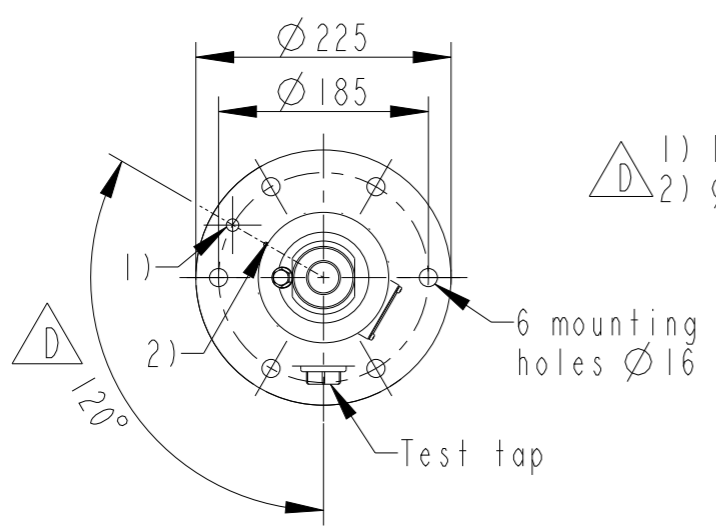
END SHIELD



SOLID ROD CONNECTOR



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



- 1) M12 (For Earthing)
- 2) Ø4 Oil connection hole (only valid for horizontal mounting)

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

Bushing Data:

Rated Voltage	52	kV
Phase-to-Earth Voltage	△ 30	kV
Dry Lightning Impulse 1,2/50µs	250	kV
Wet power frequency AC	105	kV
Routine test Imin dry 50Hz	120	kV
Rated Current	800	A
Creepage Distance	1690±50	mm
Creepage Distance Protected	650	mm
Mass	△ 31	kg

Ordering Data:

BUSHING	COLOUR	AIR INSULATOR
LF123013-M	BROWN	
LF123013-N	LIGHT GREY	
LF123013-HM △	BROWN	Horizontal 45°-90°
LF123013-HN △	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	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 -A for Alt.1	Cu

Approved 2021-09-22	Document Kind Dimension Drawing	Based on doc.id	Work order id	Project id
Company ABB AB	Title, Supplementary title GOB 250-800			
Responsible Department SEABB-9AAE300824	Without oil level gauge. Long end shield.			
ABB	Document id 2751369-110	Status Released	Revision D	Iteration 1/1