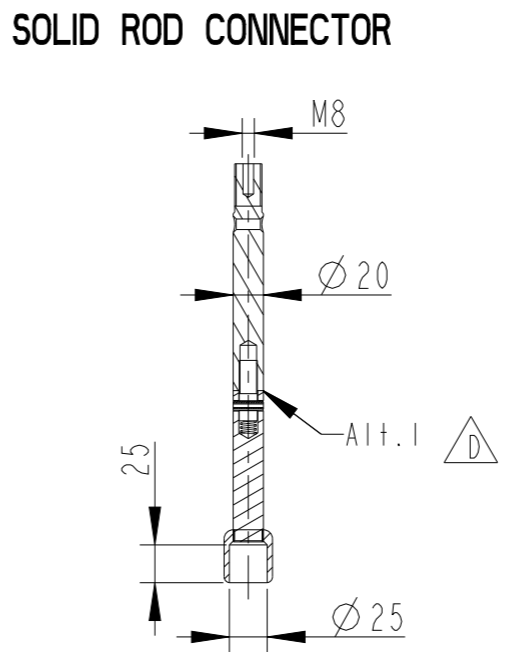
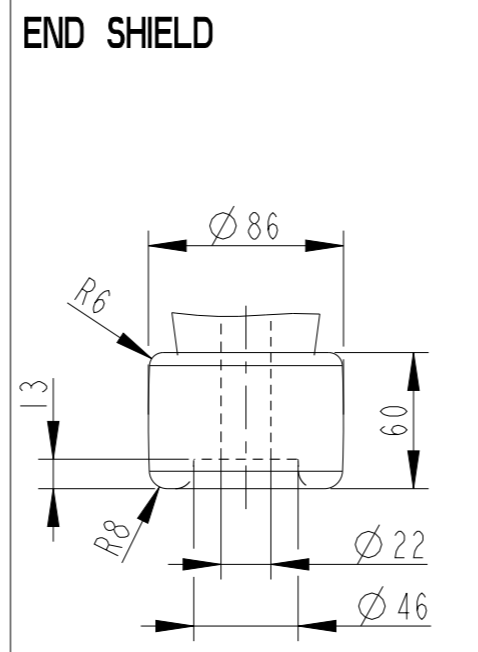
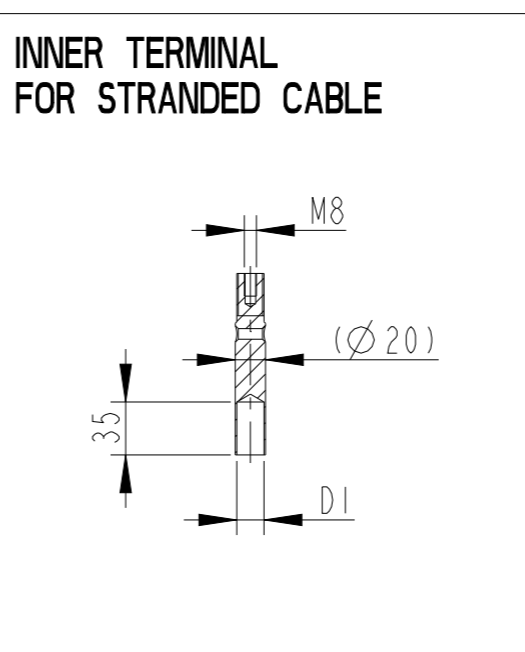
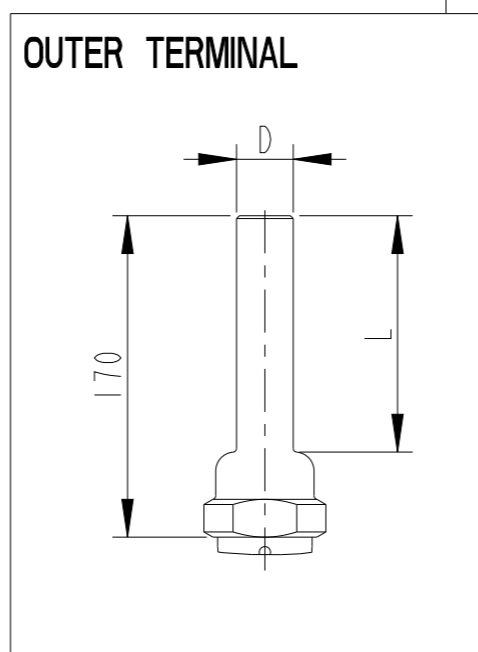
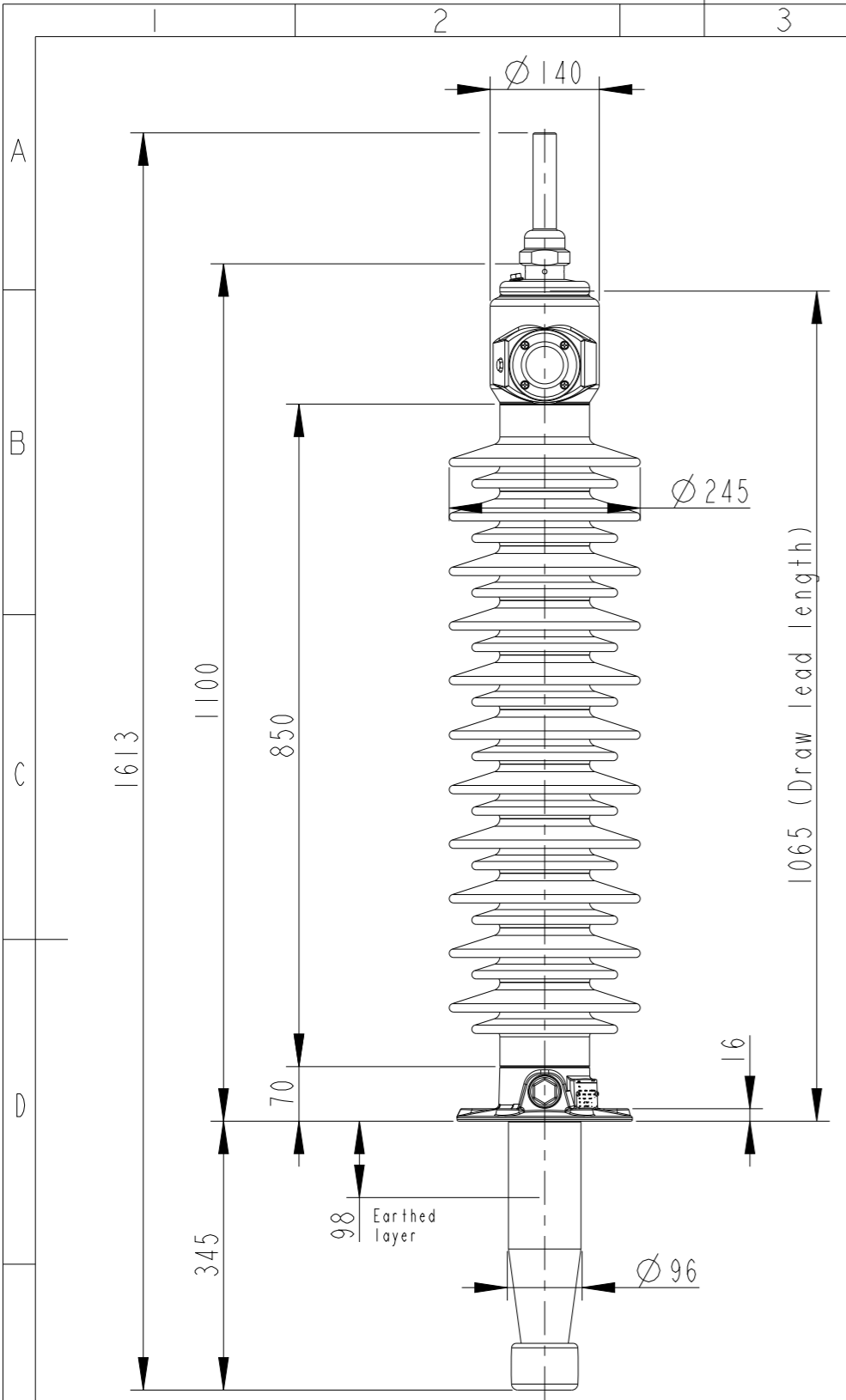


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Revision	Revision text
D	Removed Alt.2, Changed the Phase to ground voltage from 90 to 71kV



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

Bushing Data:

Rated Voltage	123	kV
Phase to Ground Voltage	$\triangle D$ 71	kV
Dry Lightning Impulse 1,2/50 μ s	450	kV
Wet power frequency AC	185	kV
Routine test 1min dry 50Hz	195	kV
Rated Current	800	A
Creepage Distance	2720 \pm 80	mm
Creepage Distance Protected	1060	mm
Mass	48	kg

Ordering Data:

BUSHING	COLOUR	AIR INSULATOR
LF123145-K	BROWN	
LF123145-L	LIGHT GREY	
LF123145-HK	BROWN	Horizontal 45°-90°
LF123145-HL	LIGHT GREY	Horizontal 45°-90°

OUTER TERMINAL	Material	D	L
LF 170 002-A	Cu alloy,	$\varnothing 30$	125
LF 170 001-A	Al,	$\varnothing 30$	125

OTHER TYPES ON REQUEST

INNER TERMINAL FOR STRANDED CABLE	Conductor area	D
For brazing		
LF 170 011-S	up to 150mm ²	$\varnothing 18$
LF 170 011-U	Undrilled with pilot hole $\varnothing 5$	
For crimping or brazing		
LF 170 010-M	50mm ²	$\varnothing 11$
LF 170 010-N	70mm ²	$\varnothing 13$
LF 170 010-L	95mm ²	$\varnothing 15$

SOLID ROD CONNECTOR	Material
LF 170 019 -BS for Alt.1	Cu

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

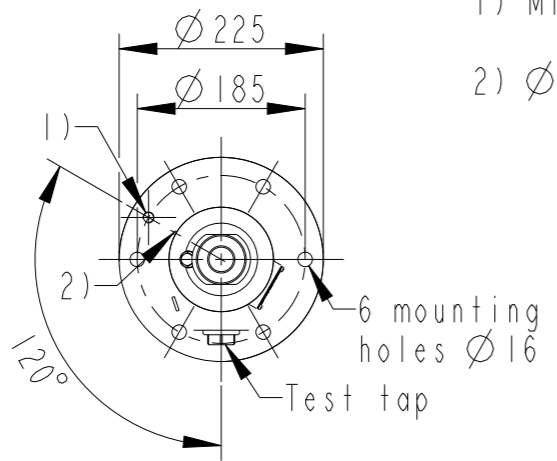


ABB		Ludvika, Sweden	
No.	Um	kV Ir	A 50/60 Hz
BL	kV SL	kV AC	kV
M	kg L	mm	∇
C1	pF	Tan δ	x
C2	pF	Tan δ	x

Approved 2020-01-14	Document Kind Outline Drawing	Based on doc.id	Work order id	Project id
Company ABB Technology Ltd	Title, Supplementary title GOB 450-800-0 WITH OIL LEVEL GAUGE STD END SHIELD			
Responsible Department SEABB-9AAE300824	Document id 2751369-199	Status Released	Revision D	Iteration 1/1
ABB				