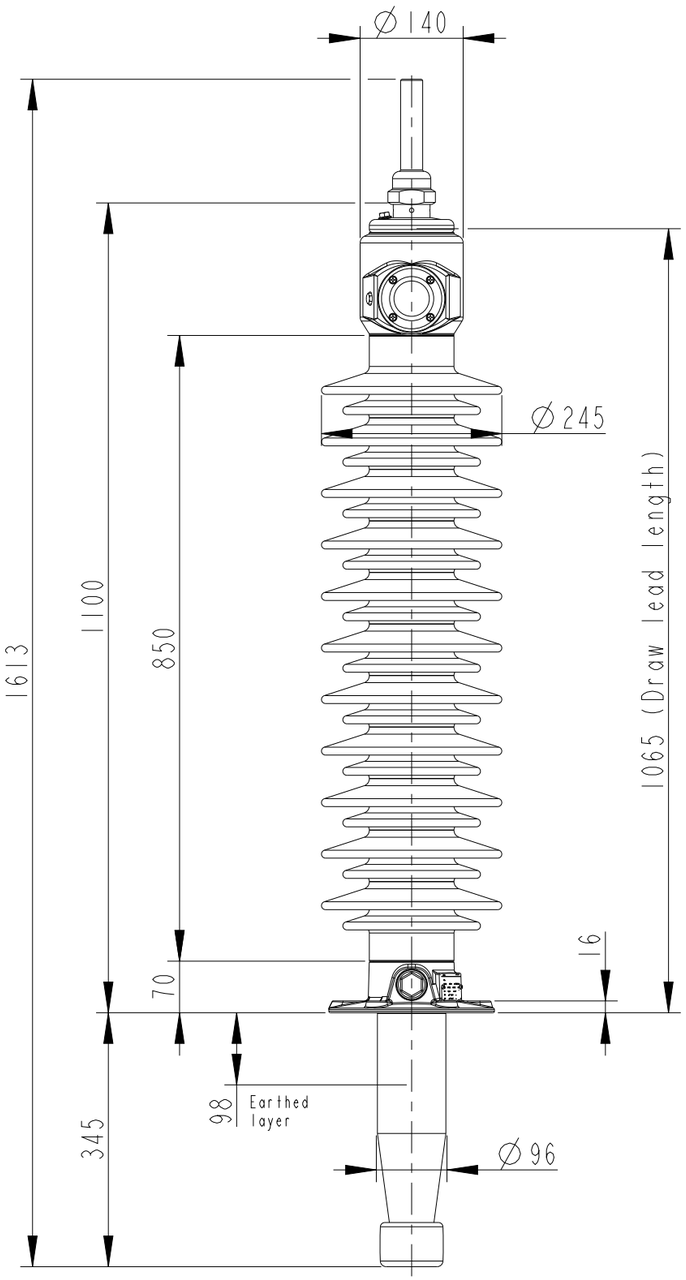
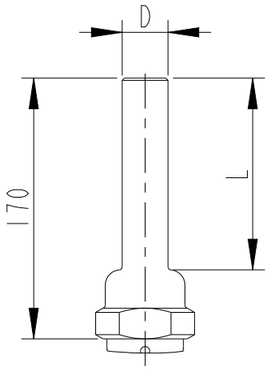
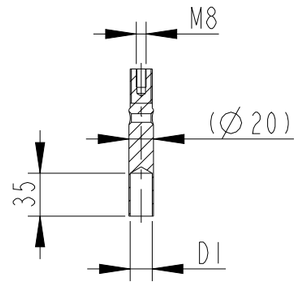


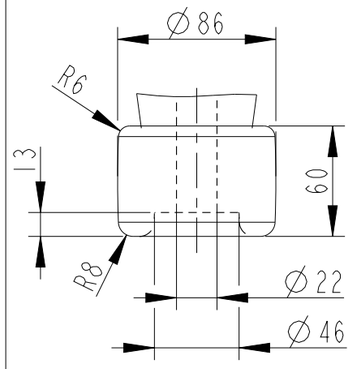
OUTER TERMINAL



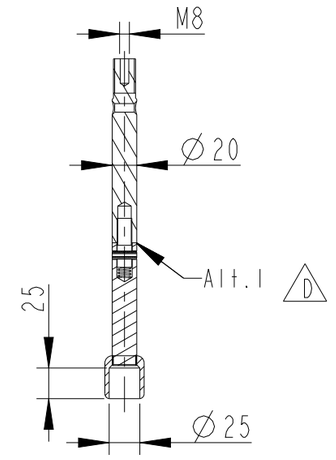
INNER TERMINAL FOR STRANDED CABLE



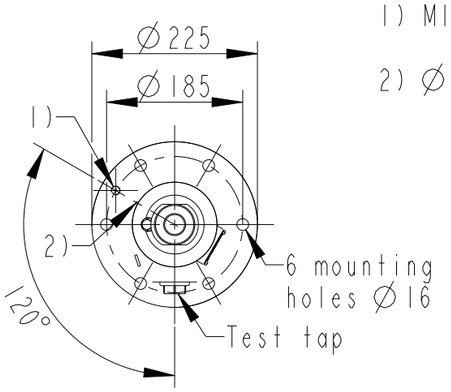
END SHIELD



SOLID ROD CONNECTOR

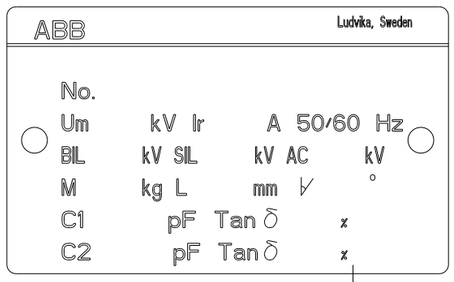


The solid rod can be divided either:
Alt.1: 20mm below the bushing flange



1) M12 (For Earthing)

2) Ø4 Oil connection hole (only valid for horizontal mounting)



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	△D 71	kV
Dry Lightning Impulse 1,2/50µs	450	kV
Wet power frequency AC	185	kV
Routine test 1min dry 50Hz	195	kV
Rated Current	800	A
Creepage Distance	2720±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,	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 -BS for Alt.1	Cu

Approved	Document Kind	Based on doc.id	Work order id	Project id
2020-01-14	Outline Drawing		-	

Company	Title, Supplimentary title
ABB Technology Ltd	GOB 450-800-0
Responsible Department	WITH OIL LEVEL GAUGE STD END SHIELD
SEABB-9AAE300824	

Document id	Status	Revision	Iteration	Sheet
2751369-199	Released	D		1/1