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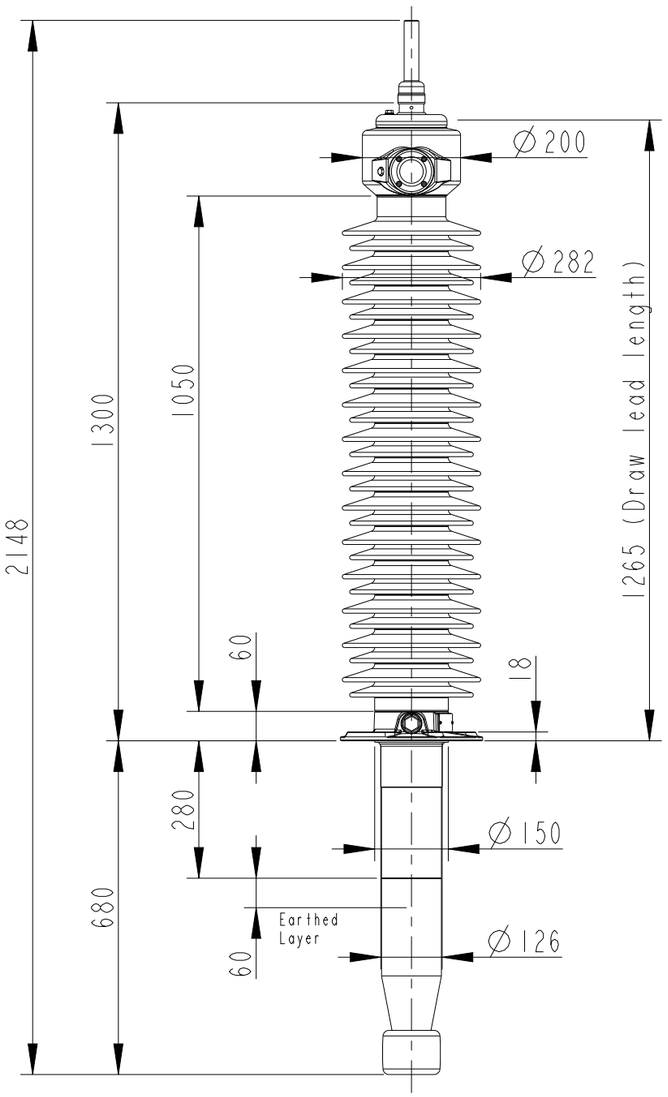
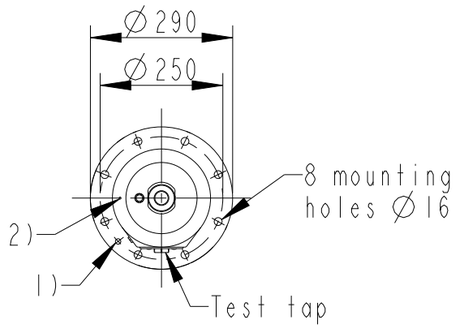
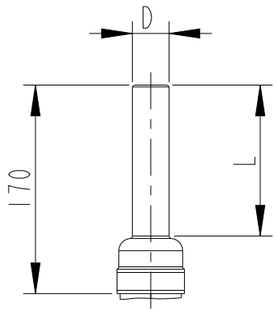
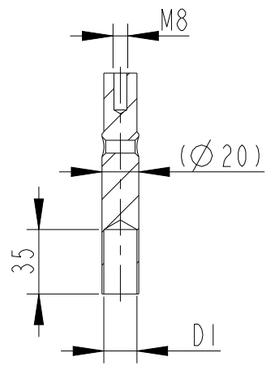




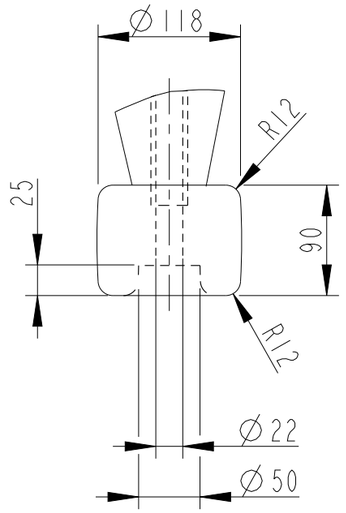
OUTER TERMINAL



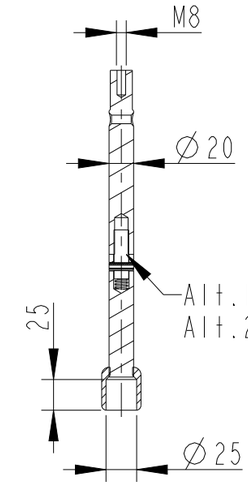
INNER TERMINAL FOR STRANDED CABLE



END SHIELD



SOLID ROD CONNECTOR



The solid rod can be divided either:
Alt.1: 20mm below the bushing flange or
Alt.2: 20mm below the upper end of the bottom porcelain

1) M12 (For Earthing)

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

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

Revision	Revision text
H	Mass changed.

Bushing Data:

Rated Voltage	170	kV
Phase to Ground Voltage	98	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	3890±100	mm
Creepage Distance Protected	1530	mm
H Mass	89	kg

Ordering Data:

BUSHING	COLOUR AIR INSULATOR
LF123190-K	BROWN
LF123190-L	LIGHT GREY
LF123190-HK	BROWN Horizontal 45°-90°
LF123190-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	DI
LF 170 011-S	up to 150mm²	Ø18
LF 170 011-U	Undrilled with pilot hole	Ø5

For crimping or brazing	Conductor area	DI
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 -AZ for Alt.1	Cu
LF 170 019 -BA for Alt.2	Cu

CREATED BY	CREATED ON	APPROVED BY	APPROVED ON
Pontus Berg	2022-08-22	Henrik Löfås	2022-08-23

DOCUMENT KIND	Dimension Drawing
RESPONSIBLE DEPARTMENT	SEABB-9AAE300824
RESPONSIBLE COMPANY	**Hitachi Energy Sweden AB**
TITLE / SUPPLEMENTARY TITLE	GOB 550-800-0.3 WITH OIL LEVEL GAUGE STD END SHIELD
DOCUMENT ID	2751369-207
STATUS	Under Review
REVISION	H
SHEET	1/1

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