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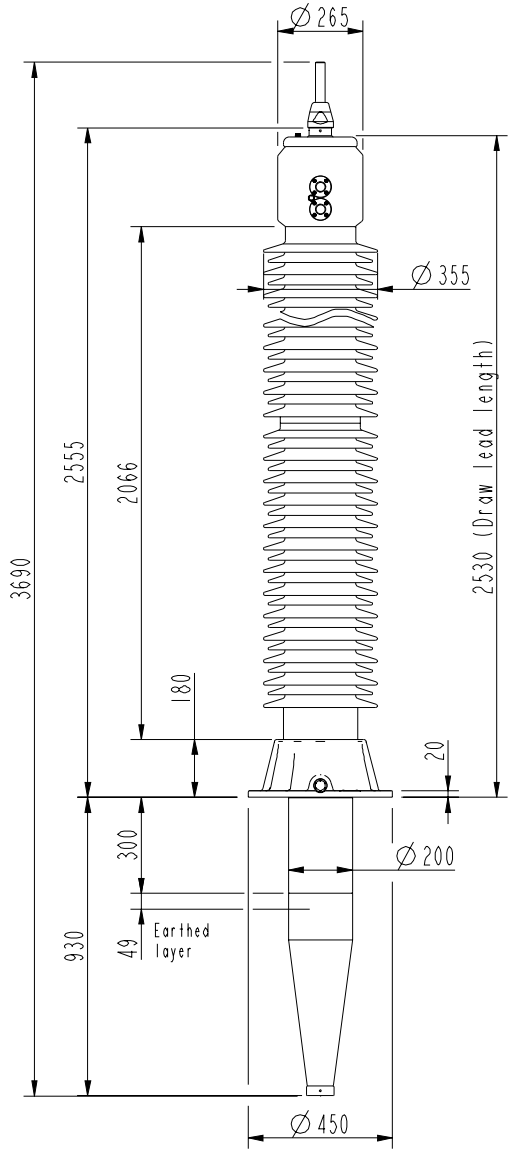


Bushing Data:

Rated Voltage (B)	245	kV
Phase to-earth Voltage (B)	141	kV
Dry Lightning Impulse 1,2/50µs	1050	kV
Wet Switching Impulse	750	kV
Wet power frequency AC	510	kV
Routine test 1min dry 50Hz	510	kV
Rated Current	1100	A
Creepage Distance nominal	7700	mm
Creepage Distance minimum	7550	mm
Mass	335	kg

Ordering Data:

BUSHING	COLOUR AIR INSULATOR
LF123 281 -K/ -L	Brown / Light grey
OUTER TERMINAL	Material D L
LF 170 001-B	Al, ∅30, L=125
LF 170 002-B	Cu, ∅30, L=125
OTHER TYPES ON REQUEST	
INNER TERMINAL FOR STRANDED CABLE	
For brazing	Conductor area D1
LF 170 011-T	up to 285mm² ∅29
LF 170 011-V	Undrilled with pilot hole ∅5
SOLID ROD CONNECTOR	
LF 170 052-FD	for Alt.1
LF 170 052-FE	for Alt.2
LF 170 052-FF	for Alt.3
END SHIELD	Material
LF 170 092 -B	Epoxy insulated
LF 170 092 -D	Insulated with 3mm pressboard

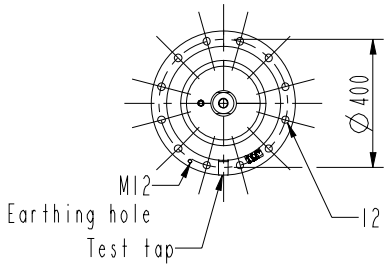


ABB Ludvika, Sweden

No.

Um/Uy kV Ir A 50/60 Hz

BIL kV SIL kV AC kV

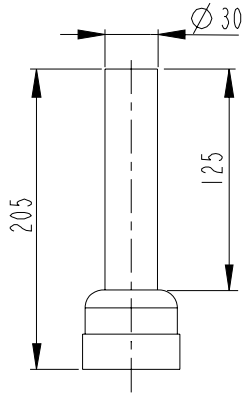
M kg L mm ⊬ °

C1 pF Tanδ x

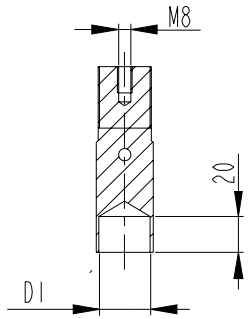
C2 pF Tanδ x

Revision	Revision text
B	- Bushing data updated

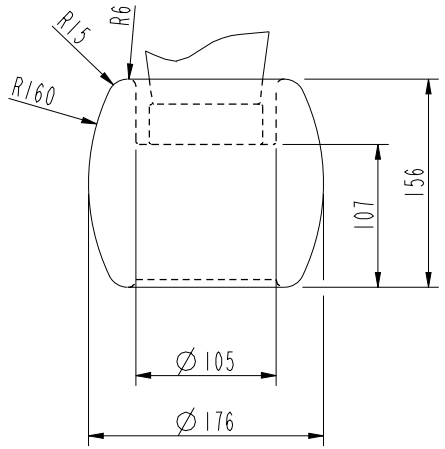
OUTER TERMINAL



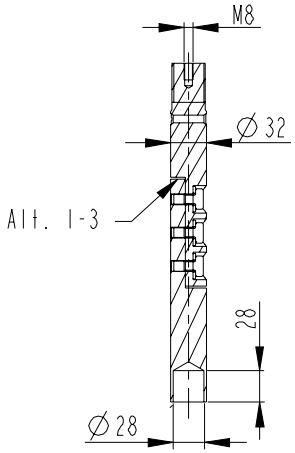
INNER TERMINAL FOR STRANDED CABLE



END SHIELD



SOLID ROD CONNECTOR



The solid rod can be divided:
Alt.1: 20mm below the bushing flange
Alt.2: 20mm below the upper end of the bottom porcelain
Alt.3: 210mm above the bottom of end of the bushing

Created by: Kalaivanan R	Reviewed by: Joakim Persson	Approved by: Natalia Gutman	
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