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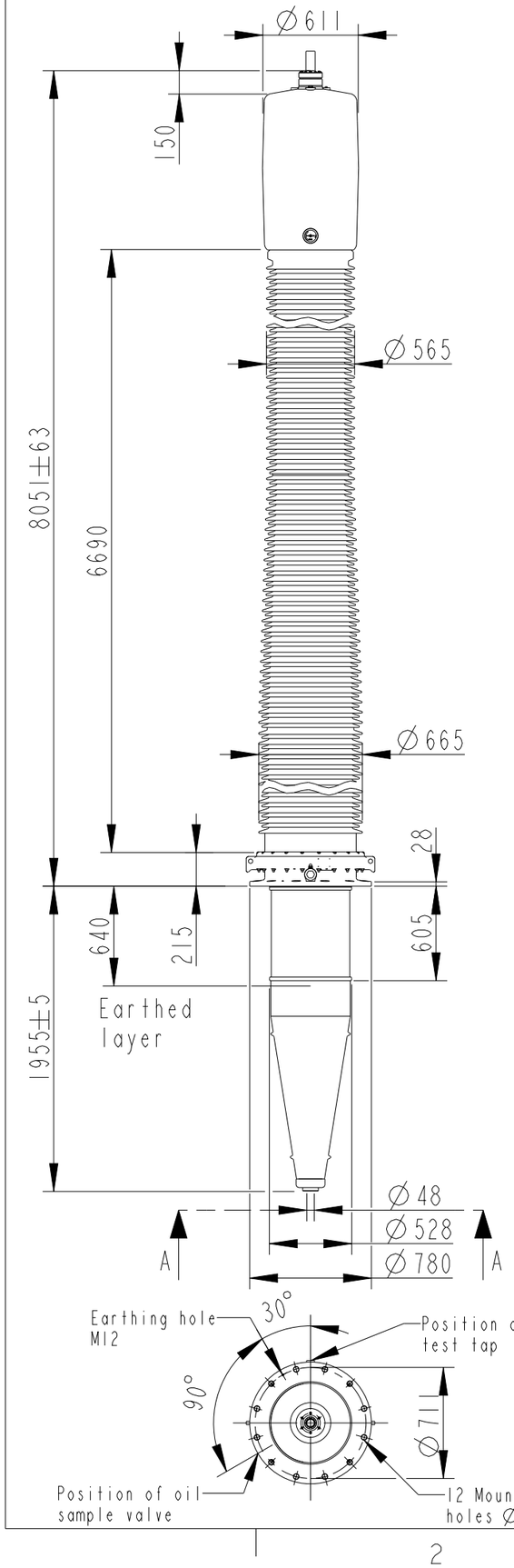


Bushing Data:

Rated Voltage	800	kV
Phase to-earth Voltage	485	kV
Dry Lightning Impulse 1,2/50µs	2550	kV
Wet Switching Impulse	1675	kV
Dry switching impulse	1760	kV
Routine test 1min dry 50Hz	1075	kV
Rated Current	2500	A
Creepage Distance	25720	mm
Mass	3500	kg

Ordering Data:

BUSHING COLOUR AIR INSULATOR

IZSC902800-AAA BROWN

IZSC902800-BAA GREY

OUTER TERMINAL

	Max. Rated Current (A)	H2 (mm)	D2 (mm)
LF170 073-A Al	2500	125	60
LF170 073-B Cu	4000	125	60
LF170 073-G Cu/Ag	4000	125	60
LF170 073-L Cu/Sn	4000	125	60
LF170 073-BA Cu/Ag	3000	125	2"-12UN
LF170 073-AA Cu	5000	125	96

END-SHIELD

LF170 046-X EPOXY INSULATED

LF170 046-XP INSULATED WITH 6 mm PRESSBOARD

DRAW ROD SYSTEM

LF170 059 LOWER DRAW ROD WITH N1=4 OR N1=6

LF170 057 UPPER DRAW ROD

INNER TERMINAL

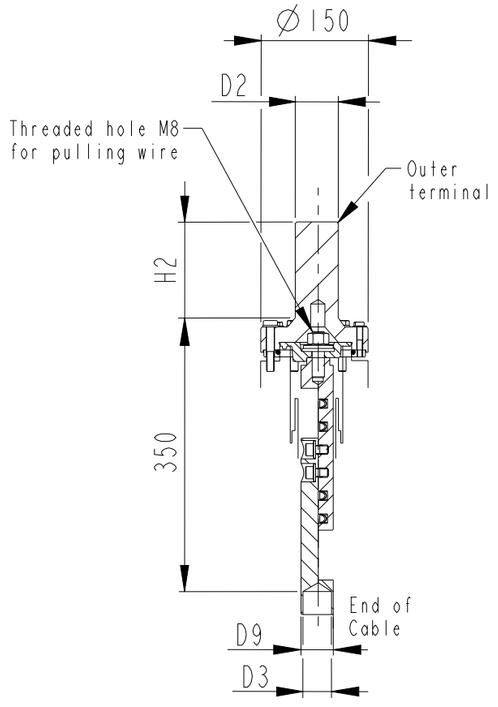
	D3 (mm)	D9 (mm)	Cond.area (mm2)	Current (A) IEC	IEEE
LF170 056-E	0 *)	45	-	-	-
LF170 056-D	40	45	600	1600	1360

*) WITH PILOT HOLE D=5

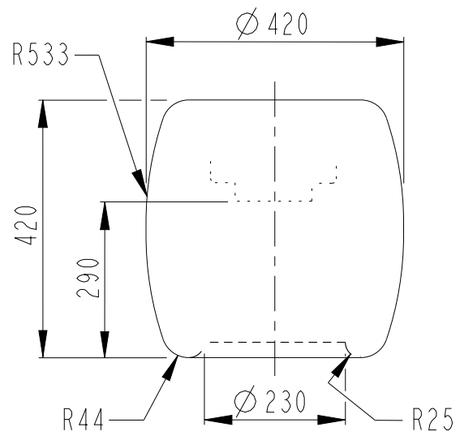
Tanδ ≤ 0.4%

Max. test load 1min	12200 N
Max. permissible load in opration at mounting angel	
0°	6100 N
30°	2900 N

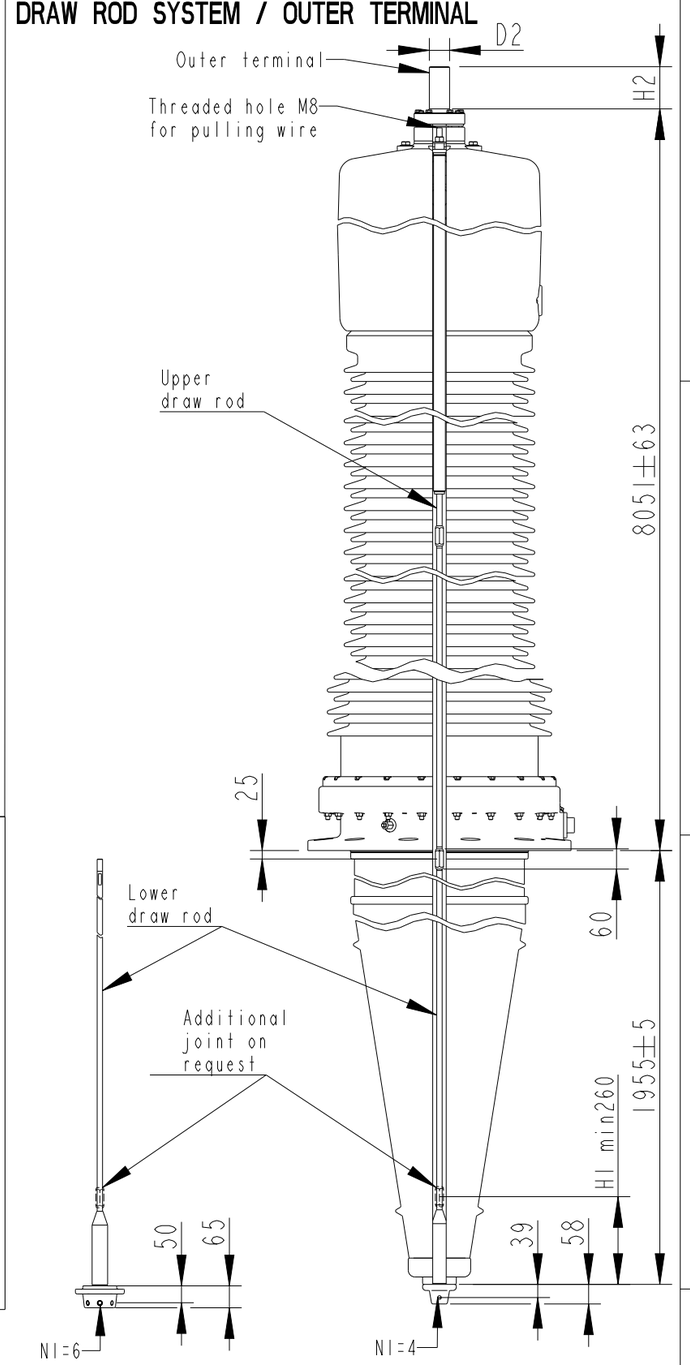
INNER TERMINAL / OUTER TERMINAL



END SHIELD



DRAW ROD SYSTEM / OUTER TERMINAL



N1=Number of holes M12, equipped with thread insert with screw lock, depth 20, for cable lugs.

ABB Ludvika, Sweden

No.				
Um/Uy	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

Prepared: Oscar Andersson	2017-08-16	Responsible department: PGCO/BK	Title: GOE 2550-1675-2500-0.6
Modified by: Oscar Andersson	2017-08-18	Take over department	GOE 2550-1675-2500-0.6
Approved by: Natalia Gutman	2017-08-18	Used in product	Language: 82
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