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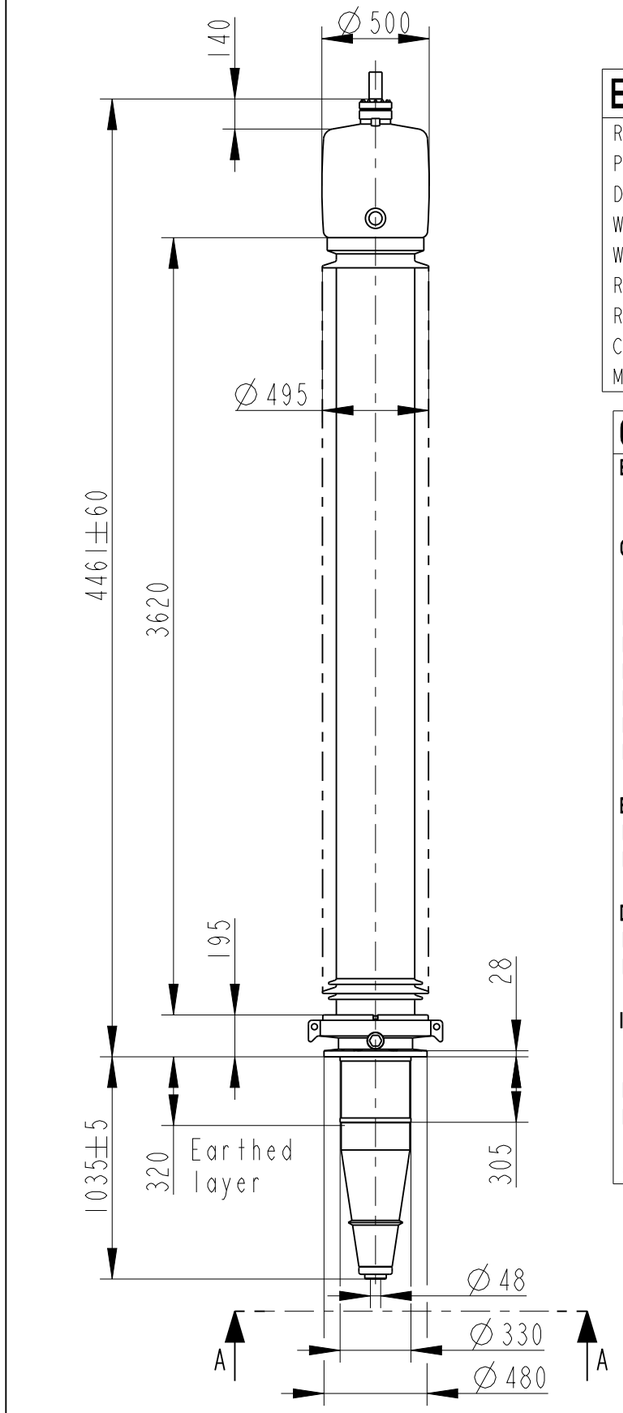
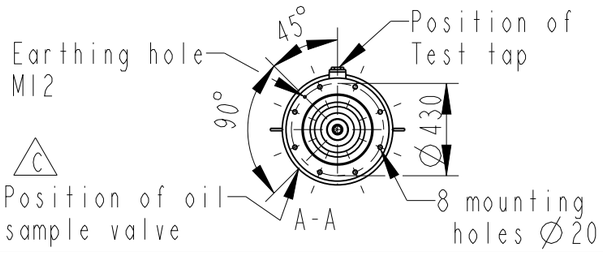




Bushing Data:

Rated Voltage	420	kV
Phase to-earth Voltage	242	kV
Dry Lightning Impulse 1,2/50µs	1425	kV
Wet Switching Impulse	1150	kV
Wet Power frequence AC	695	kV
Routine test 1min dry 50Hz	680	kV
Rated Current	2500	A
Creepage Distance	13745	mm
Mass	1070	kg

Ordering Data:

BUSHING — COLOUR AIR INSULATOR

IZSC902420-BAA — BROWN

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-U	EPOXY INSULATED
LF170 046-UP	INSULATED WITH 3 mm PRESSBOARD

DRAW ROD SYSTEM

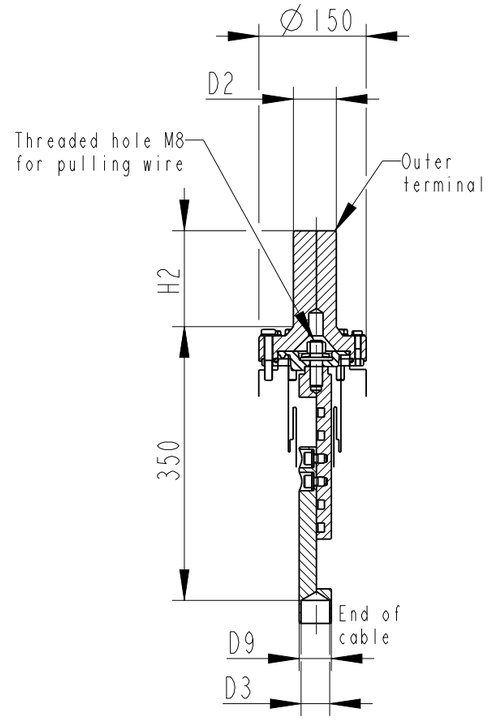
LF170 059-CU OR-AK	LOWER DRAW ROD WITH NI=4 OR NI=6
LF170 057-U	UPPER DRAW ROD

INNER TERMINAL

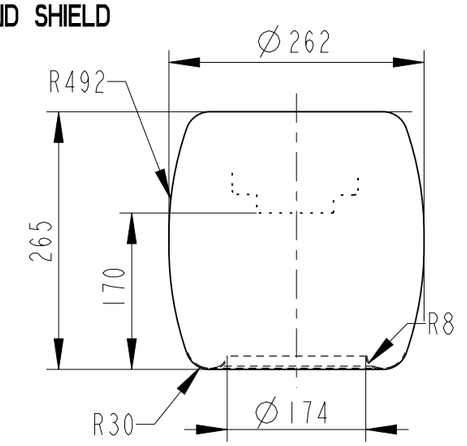
	D3 (mm)	D9 (mm)	Cond.area (mm2)	Current (A) IEC	IEEE
LF170 056-E	0 *)	45	-	-	-
LF170 056-D	40	45	600	1600	1360

*) WITH PILOT HOLE D=5

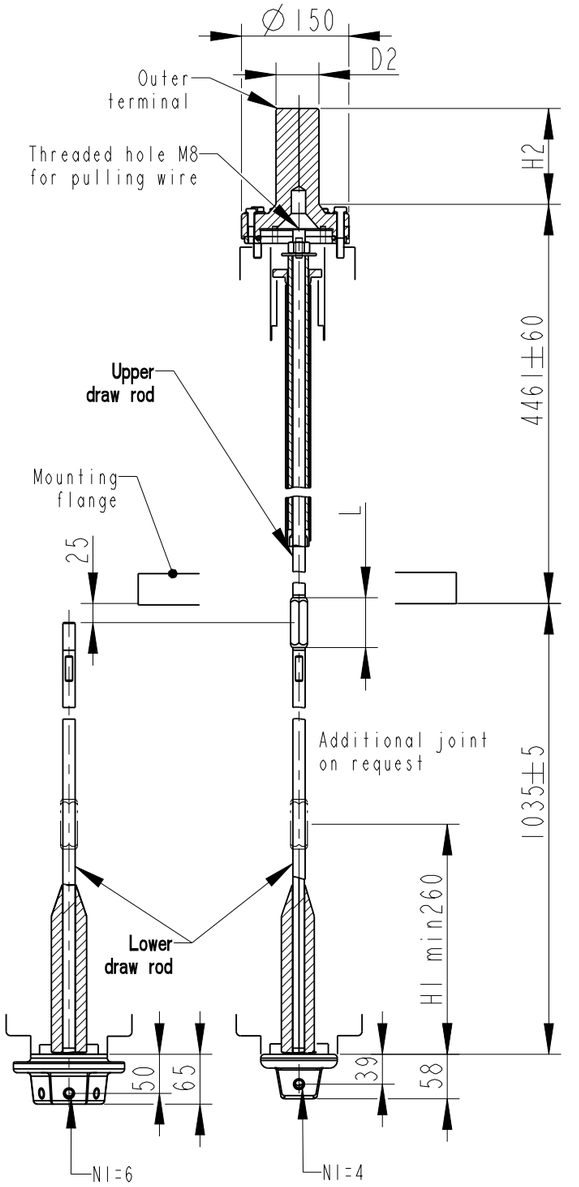
INNER TERMINAL / OUTER TERMINAL



END SHIELD



DRAW ROD SYSTEM / OUTER TERMINAL



NI=Number of holes MI2, 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 D
C1 pF Tanδ x
C2 pF Tanδ x

Prepared: Ali Amin	2010-02-23	Responsible department: PPCO/BK	Title: GOE 1425-1150-2500-0.3
Modified by: Palpandi K	2010-10-13	Take over department	
Approved by: Urban Schander	2010-10-15	Used in product	GOE 1425-1150-2500-0.3
Revision: C — Added note "Position of oil sample valve"			Order
ABB			Document no.: 2751369-319

Language: 82 — Sheet no.: 1 — No. Shts.: (1)

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