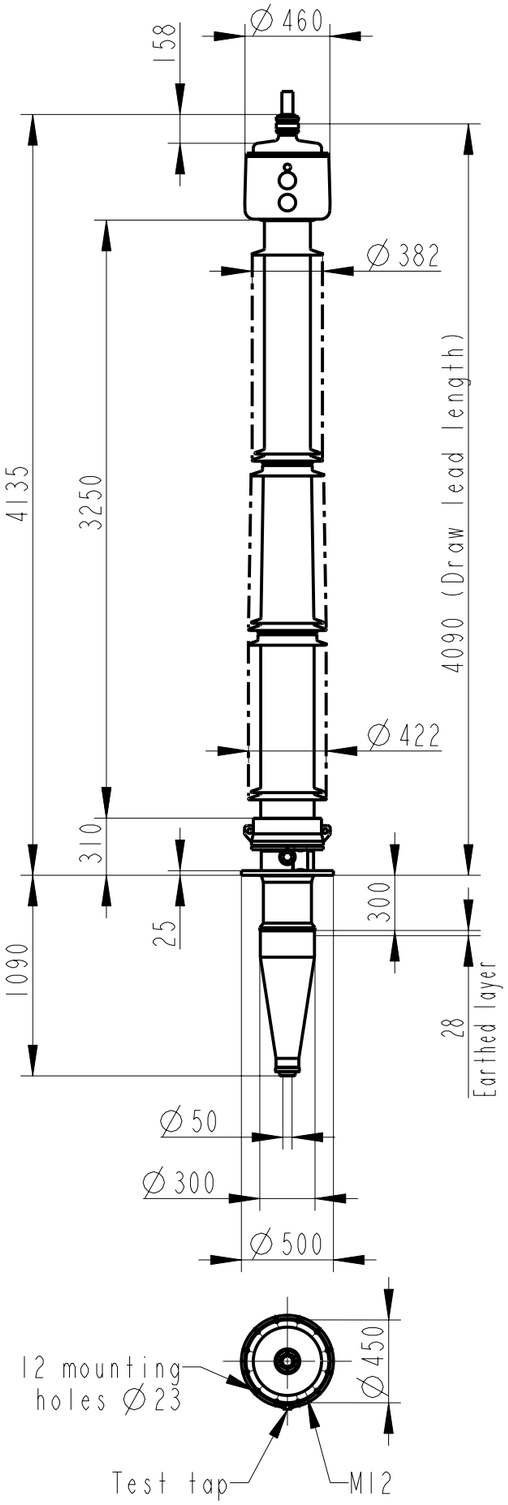
Rev Ind	Revision	Appd	Date
2	Updated	MG	05 08



Bushing Data:

Rated Voltage	420	kV
Phase to-earth Voltage	243	kV
Dry Lightning Impulse 1,2/50µs	1425	kV
Wet Switching Impulse	1050	kV
Wet Power frequence AC	690	kV
Routine test 1min dry 50Hz	690	kV
Rated Current	1600	A
Creepage Distance Nominal	11750	mm
Creepage Distance Minimum	11400	mm
Mass	750	kg

Ordering Data:

BUSHING	COLOUR AIR INSULATOR		
LF121 570 -B / -AB	Brown / Light Grey		
DRAW ROD SYSTEM			
LF170 097	UPPER DRAW ROD		
LF170 098	LOWER DRAW ROD		
OUTER TERMINAL	Material	D2 (mm)	
LF170 090-A	Al	Ø30	
LF170 090-B	Al	Ø60	
LF170 090-C	Cu	Ø30	
LF170 090-D	Cu	Ø40	
LF170 090-E	Cu	Ø60	
INNER TERMINAL	D3 (mm)	Cond.area (mm^2)	
LF170 091-A	Undrilled with pilot hole Ø5		
LF170 091-B	Ø15	up to 95	
LF170 091-C	Ø30	up to 285	
LF170 091-D	Ø42	up to 740	
END SHIELD			
LF170 092-K	Epoxy insulated		
LF170 092-L	Insulated with 3mm pressboard		

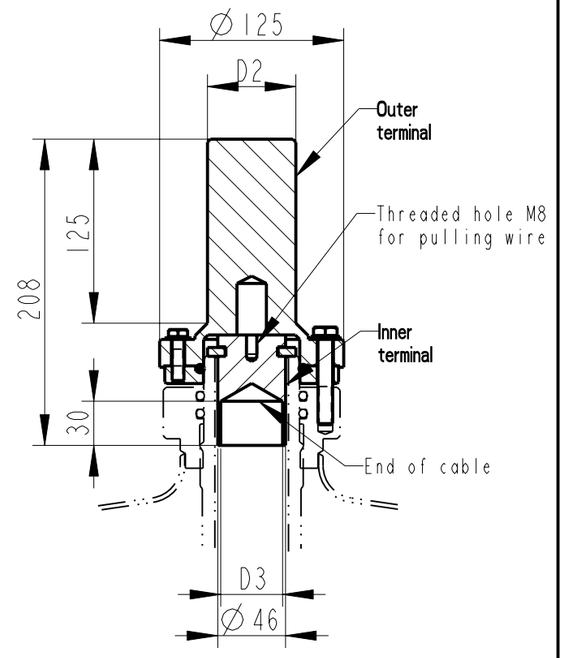
ABB Ludvika, Sweden

No.

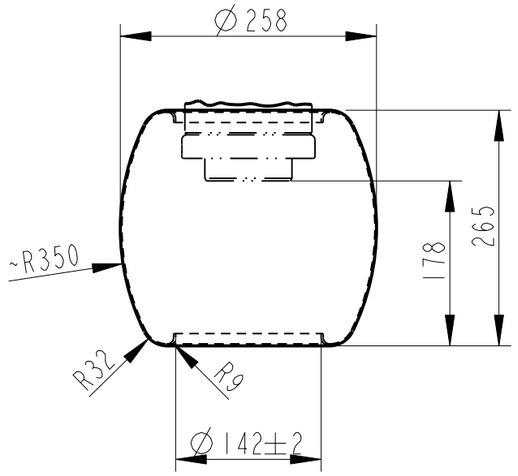
Um/Uy		kV	Ir	A	50/60 Hz	
LI	kV	SI		kV	AC	kV
M	kg	L		mm	▷	
C1		pF	Tan δ		%	
C2		pF	Tan δ		%	

Signatures acc. to revision 2 are valid
Signaturer enligt revision 2 gäller

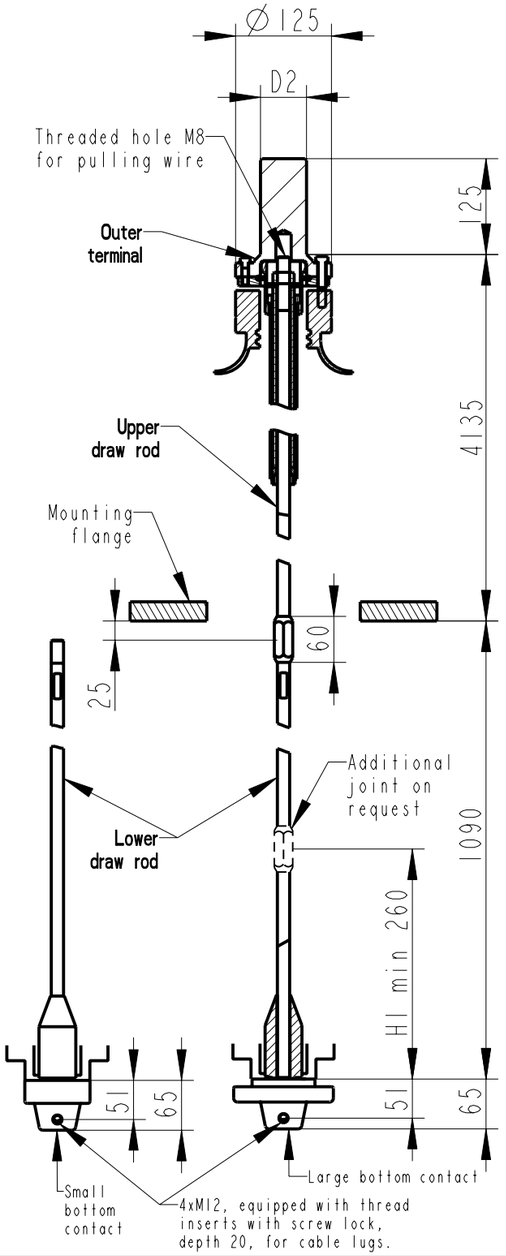
INNER TERMINAL / OUTER TERMINAL



END SHIELD



DRAW ROD SYSTEM / OUTER TERMINAL



Based on		Reg. No.	
Prepared	M Gullo 05 08	Responsible department	PTPR/CO/BLK
Approved	R Johansson	Take over department	
Design engineering review	M Carlsson	Database	
ABB			

Title: GOE(2)-1425-1050-1600-0.3

Language: EN

Page: 1(1)

Document No.: 2751400-4

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