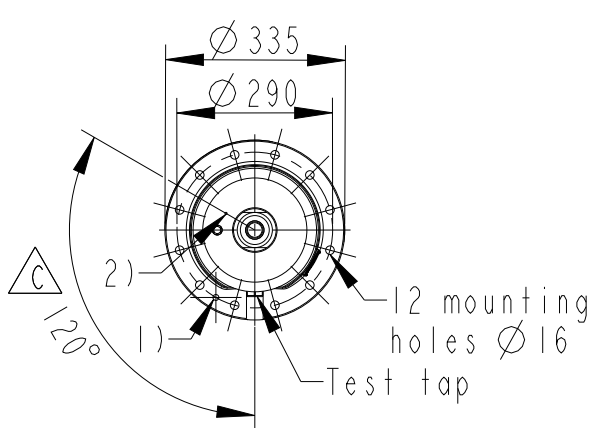
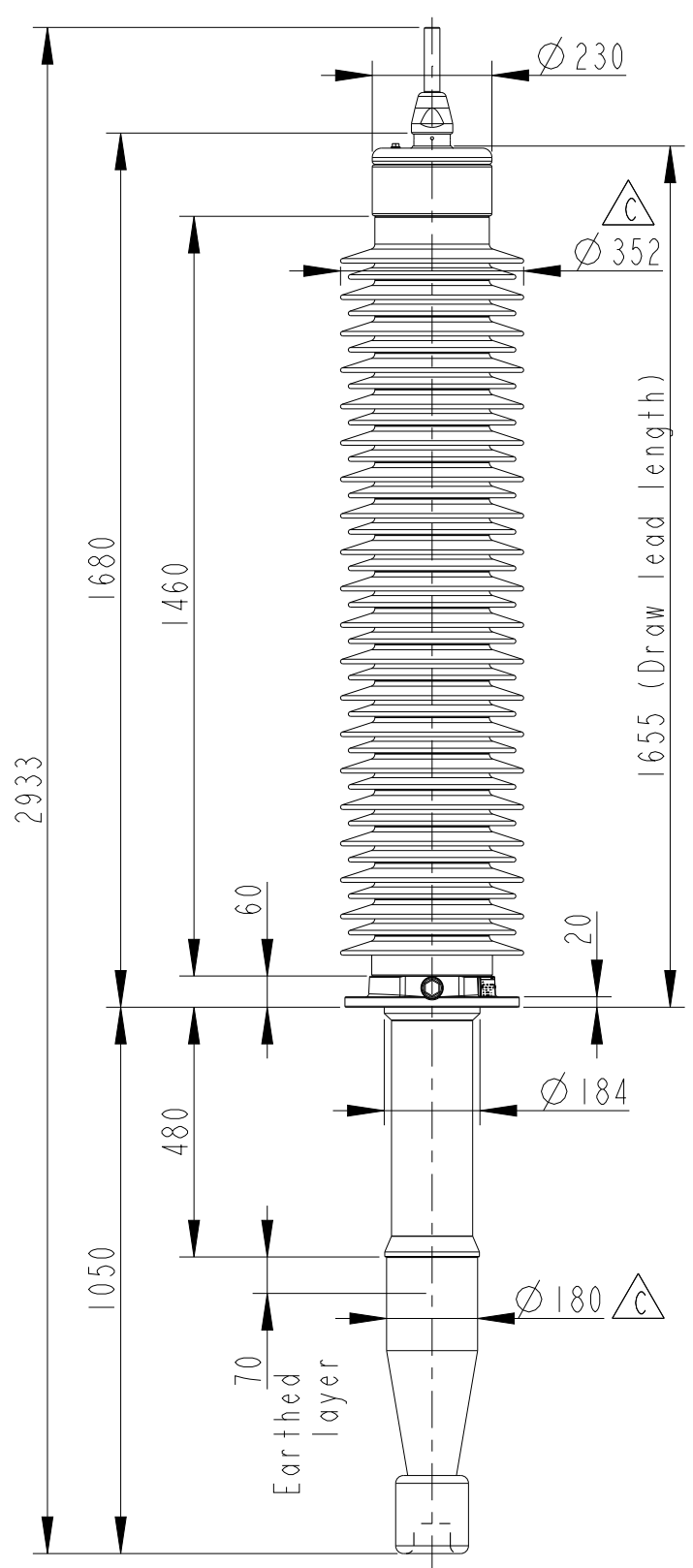
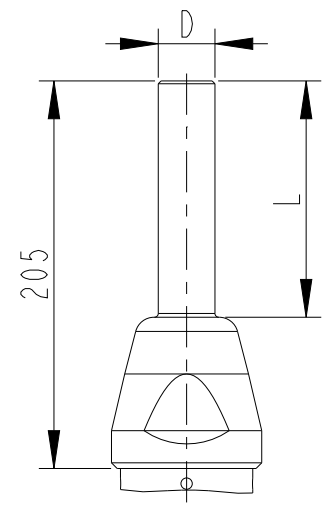


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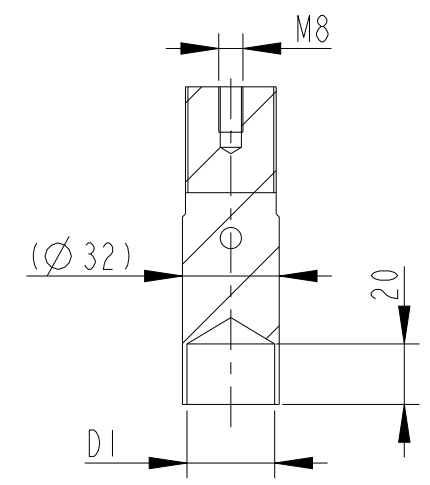
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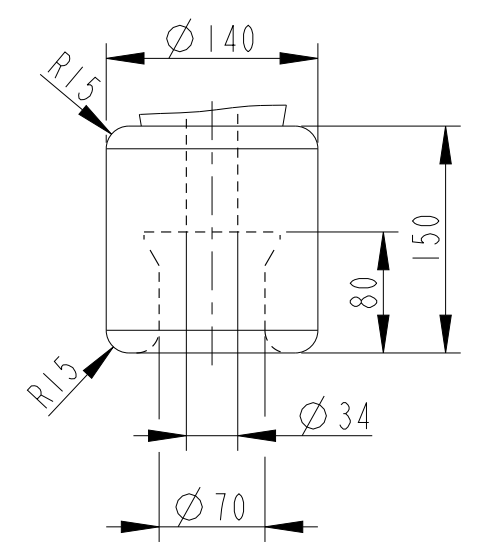
OUTER TERMINAL



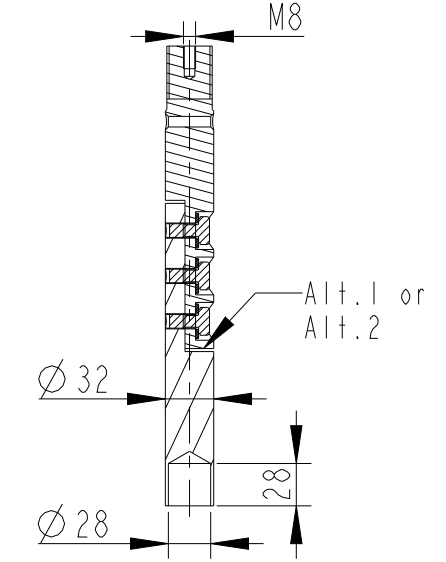
INNER TERMINAL FOR STRANDED CABLE



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) Ø 4 Oil connection hole (only valid for horizontal mounting)

Revision	Revision text
C	Bushing -HM & -HN added. Note, Bushing Data and Dimension updated.

Bushing Data:

Rated Voltage	170	kV
Phase-to-earth Voltage	98	kV
Dry Lightning Impulse 1,2/50µs	750	kV
Wet power frequency AC	325	kV
Routine test 1 min dry 50Hz	365	kV
Rated Current	1250	A
Creepage Distance	5420±140	mm
Creepage Distance Protected	2330	mm
Mass	246	kg

Ordering Data:

BUSHING	COLOUR	AIR INSULATOR
LF123079-M	BROWN	
LF123079-N	LIGHT GREY	
LF123079-HM	BROWN	Horizontal 45°-90°
LF123079-HN	LIGHT GREY	Horizontal 45°-90°
OUTER TERMINAL	Material	D L
LF 170 002-B	Cu alloy,	Ø 30 125
LF 170 001-B	Al,	Ø 30 125
OTHER TYPES ON REQUEST		
INNER TERMINAL FOR STRANDED CABLE		
For brazing	Conductor area	D1
LF 170 011-T	up to 285mm²	Ø 29
LF 170 011-V	Undrilled with pilot hole	Ø 5
SOLID ROD CONNECTOR	Material	
LF 170 052 -S for Alt.1	Cu	
LF 170 052 -P for Alt.2	Cu	

Ludvika, Sweden					
No.	Um	kV Ir	A 50/60 Hz		
BL	kV SL	kV AC	kV		
M	kg L	mm	✓		
C1	pF	Tan δ	x		
C2	pF	Tan δ	x		

Approved 2021-10-28	Document Kind Dimension Drawing	Based on doc. id	Work order id	Project id
Company ABB Technology Ltd	Title, Supplementary title GOB 750-1250-0.5			
Responsible Department SEABB-9AAE300824	Without oil level gauge. Long end shield.			
ABB	Document id 2751369-168	Status Released	Revision C	Iteration 1/1