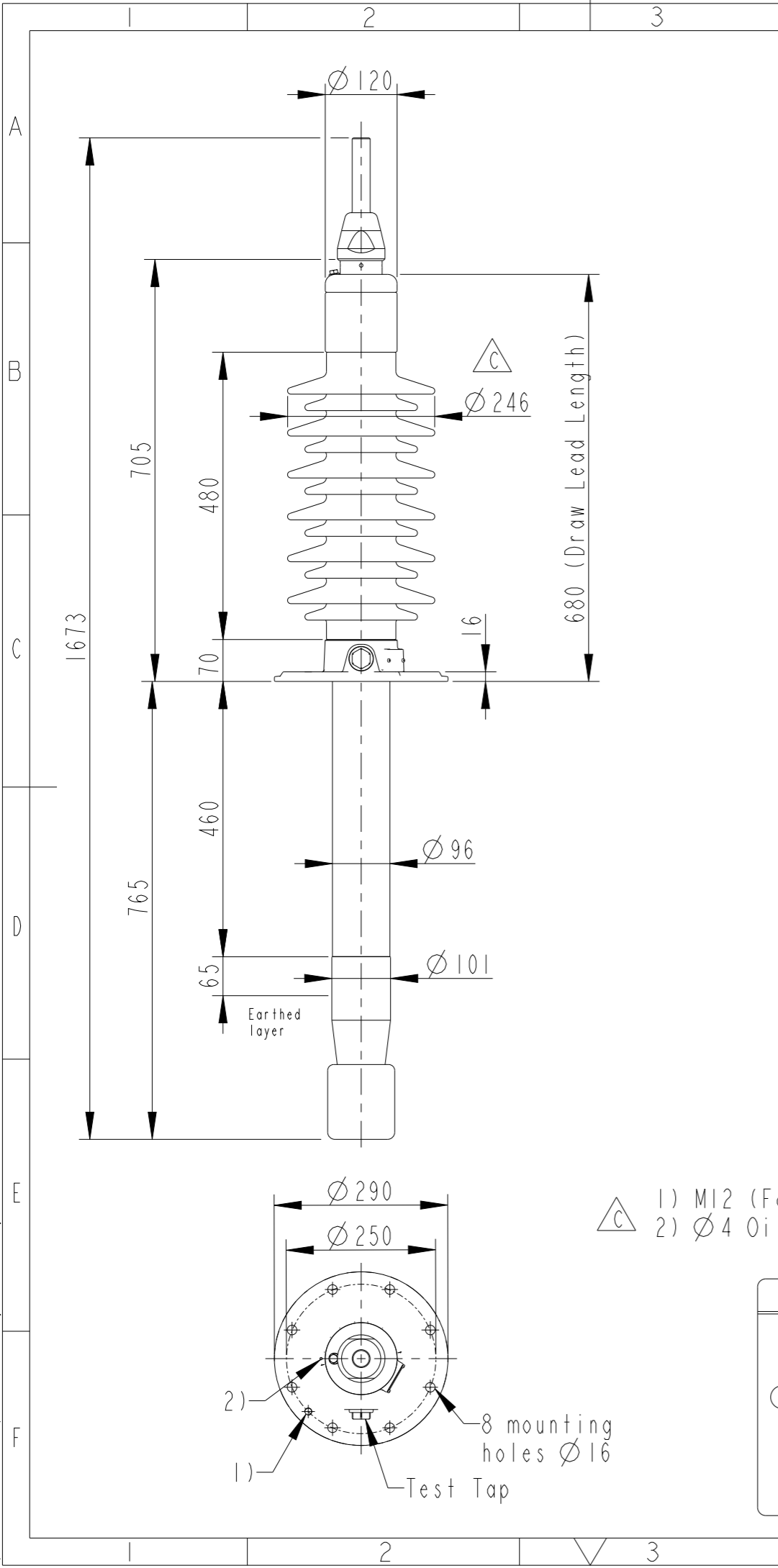
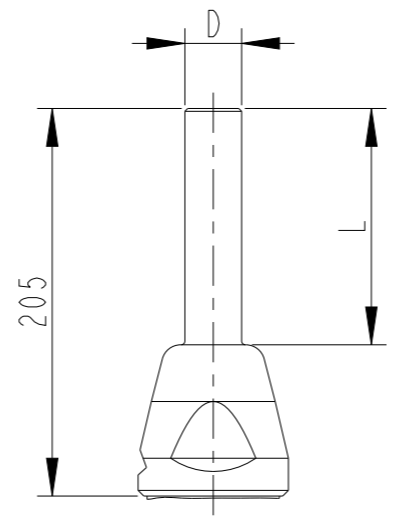


This document is issued by means of a computerized system. The digitally stored original is electronically approved. The approved document has a date entered in the "Approved"-field. A manual signature is not required.

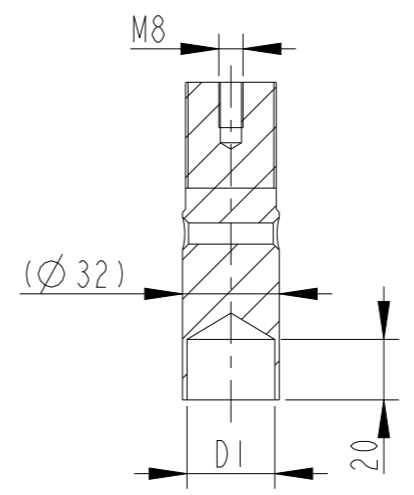
We reserve all rights in this document and in the information contained therein. Reproduction, use or disclosure to third parties without express authority is strictly forbidden.



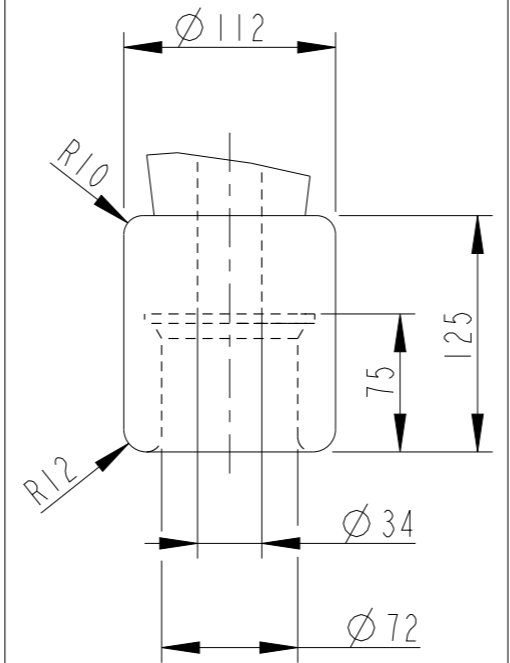
**OUTER TERMINAL**



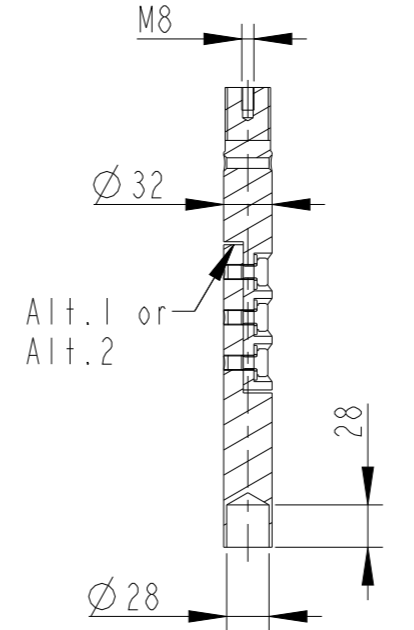
**INNER TERMINAL FOR STRANDED CABLE**



**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

Revision	Revision text
C	Bushing, Ordering data & Dims updated.

**Bushing Data:**

Rated Voltage	52	kV
Phase-to-Earth Voltage	△C 30	kV
Dry Lightning Impulse 1,2/50µs	250	kV
Wet power frequency AC	105	kV
Routine test 1min dry 50Hz	120	kV
Rated Current	1250	A
Creepage Distance	1500±50	mm
Creepage Distance Protected	580	mm
Mass	△C 38	kg

**Ordering Data:**

<b>BUSHING</b>	COLOUR AIR INSULATOR
LF123085-M	BROWN
LF123085-N	LIGHT GREY
LF123085-HM △C	BROWN Horizontal 45°-90°
LF123085-HN △C	LIGHT GREY Horizontal 45°-90°
<b>OUTER TERMINAL</b>	Material D L
LF 170 002-B	Cu alloy, Ø30, 125
LF 170 001-B	Al, Ø30, 125
OTHER TYPES ON REQUEST	
<b>INNER TERMINAL FOR STRANDED CABLE</b>	
<b>For brazing</b>	Conductor area D1
LF 170 011-T	up to 285mm <sup>2</sup> Ø29
LF 170 011-V	Undrilled with pilot hole Ø5
<b>SOLID ROD CONNECTOR</b>	Material
LF 170 052 -E for Alt.1	Cu
LF 170 052 -C for Alt.2	Cu

- △C 1) M12 (For Earthing)
- △C 2) Ø4 Oil connection hole (only valid for horizontal mounting)

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

Approved 2021-09-22	Document Kind Dimension Drawing	Based on doc.id	Work order id	Project id
Company ABB AB	Title, Supplementary title GOB 250-1250-0.5			
Responsible Department SEABB-9AAE300824	Without oil level gauge. Long end shield			
<b>ABB</b>	Document id 2751369-120	Status Released	Revision C	Iteration 1/1