	DATE	NAME	DOCUMENT NO.	
DFTR.	15/03/22	Curti M.	3806	
CHKD.	15/03/22	Giorgi A.	CHANGE NO.	SCALE
STAND.	15/03/22	Giorgi A.	05	1:5

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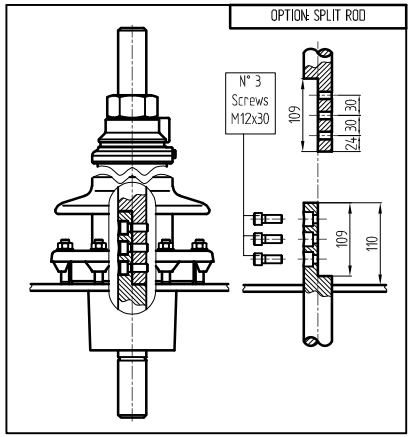
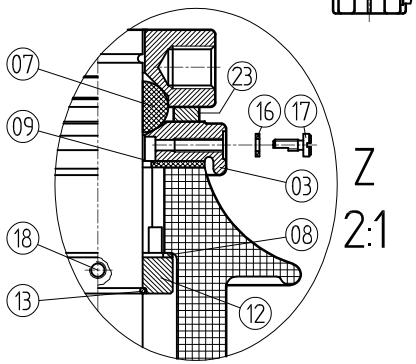
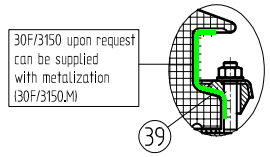
DIMENSION IN mm EXCEPT AS NOTED

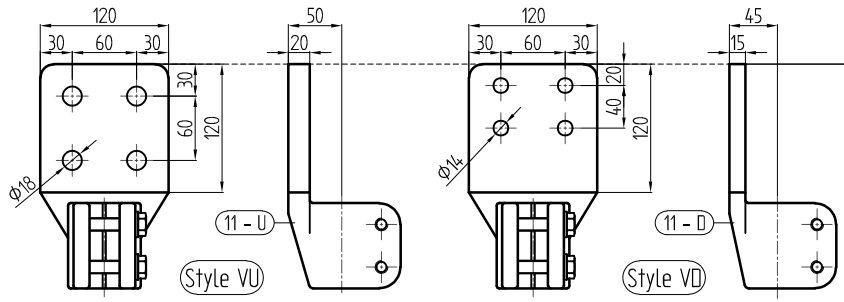
OUTDOOR TRANSFORMER BUSHING DIN 42533
RATED CURRENT 3150 A VOLTAGE 12 TO 36kV

Pos.	Description	Material
1	Porcelain	Porcelain
2	Rod	Copper
3	Cap "E"	Brass
4	Top washer "F"	Brass
7	Ring gasket "J"	NBR
8	Gasket "O"	Fiber
9	Flat gasket "M"	NBR
10	Flange gasket "N"	NBR
11D	Flag eserc. DIN 43675	Brass
11U	Flag eserc. UNEL 3150	Brass
12	Ring "P"	Brass
13	Ring "S"	Copper
14	Nut M48 DIN 934	Brass
16	Gasket	Fiber
17	Vent/screw "R"	Brass
18	Locking screw	Steel
23	Contact ring "U"	Bronze
24	Fixing ring "D" DIN 42538	Alluminium
25	Clamping piece "F" DIN 42538	Alluminium
26	Nuts M 12 DIN 934	Steel AISI304
27	Washer Φ13	Steel AISI304
28	Fixing stud M12x70 (not supplied)	Steel
29	Nut M48 DIN 934	Brass
30	Locknut M48 DIN 936	Brass
31D-U	Brass flag eserc. DIN or UNEL	Brass
32	Center ring	Nylon 6,6
39	Spacer ring	Copper

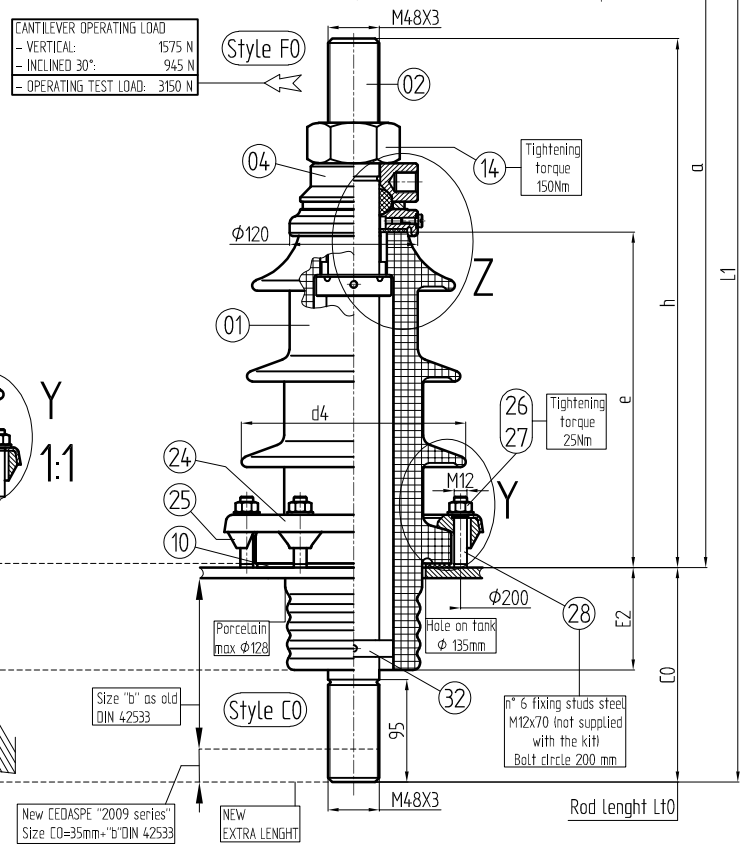


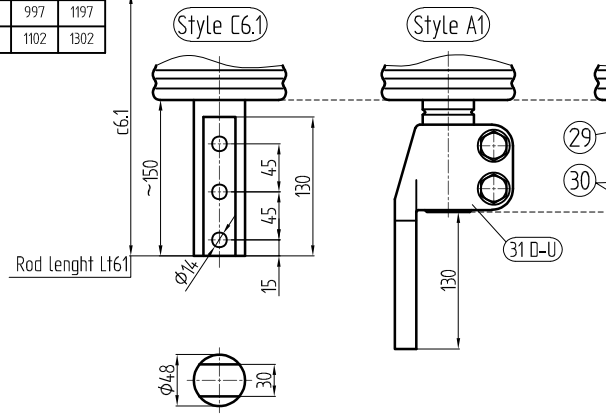


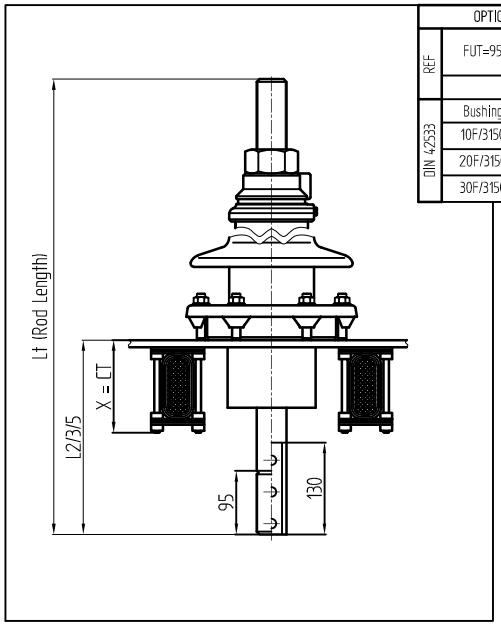




CANTILEVER OPERATING LOAD
- VERTICAL: 1575 N
- INCLINED 30°: 945 N
- OPERATING TEST LOAD: 3150 N







OPTION: CT ACCOMODATION				
REF	FUT=95	CT 150 L2=350	CT 300 L3=500	CT 500 L5=700
	Rod Lenght			
DIN 42533	Bushing	Lt2	Lt3	Lt5
	10F/3150	772	922	1122
	20F/3150	847	997	1197
	30F/3150	952	1102	1302

Bushing Type	Voltage kV	Current A	PF 1' kV	BIL kV	Creepage distance mm	a mm	C0 mm	c6.1 mm	d4 mm	e mm	E2 mm	h mm	L1 mm	Z n° of sheds	G.W. Kg	Lt0 mm	Lt61 mm
10F/3150	12	3150	30	75	290	560	203	233	190	239	86	422	763	2	29	625	655
20F/3150	24		55	125	440	635	213	243	210	314	96	497	848	3	33	710	740
30F/3150	36		77	170	680	740	243	273	230	419	121	602	983	4	39	845	875
30F/3150.M					585*												

NOTE: * Porcelain with metalization with reduced C0 | Bushing Acc. to IEC 60137 ed. 7.0

MATERIAL NUMBER

SERIAL NUMBER

SHEET 1/1