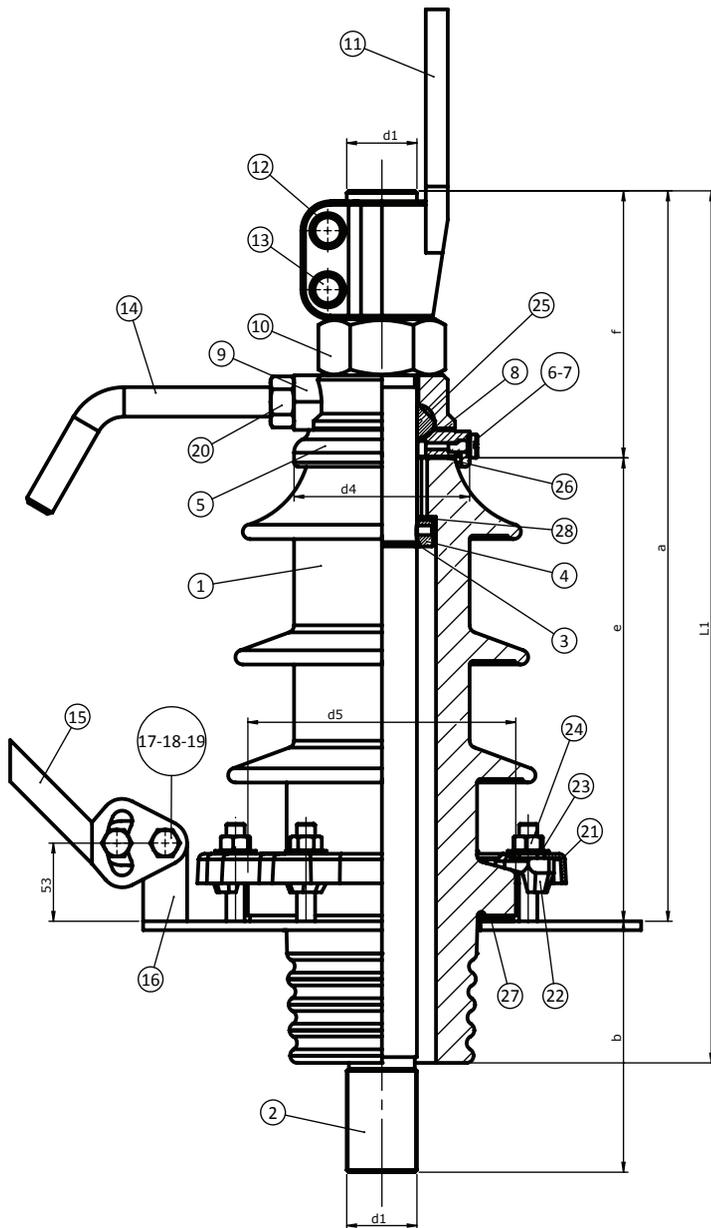


Pos. No.	Description	Material	250A Pcs.	630A Pcs.
12	Arcing horn holder	A2	1	1
13	Hexagon nut	A2	3	3
14	Spring Lock Washer	A2	2	2
15	Flangering	Al	1	1
16	Press bit	G-ZnAl6Cu1	4	6
17	Washer	A2	4	6
18	Hexagon nut	A2	4	6
19	Gasket J	NBR	1	1
20	Flat gasket N	NBR	1	1
21	Gasket O	Pressspan	1	1

Pos. No.	Description	Material	Pcs.
1	Porcelain A	C110	1
2	Connecting Pipe	Cu-ETP	1
3	Ring	Cu-ETP	1
4	Press ring	CuZn40Pb2	1
5	Pipe	Cu-ETP	1
6	Lower Cap	CuZn40Pb2	1
7	Flat gasket	PA6	2
8	Screw	CuZn40Pb2	2
9	Upper Cap	CuZn40Pb2	1
10	Eyele	-	2
11	Screw	A2	2

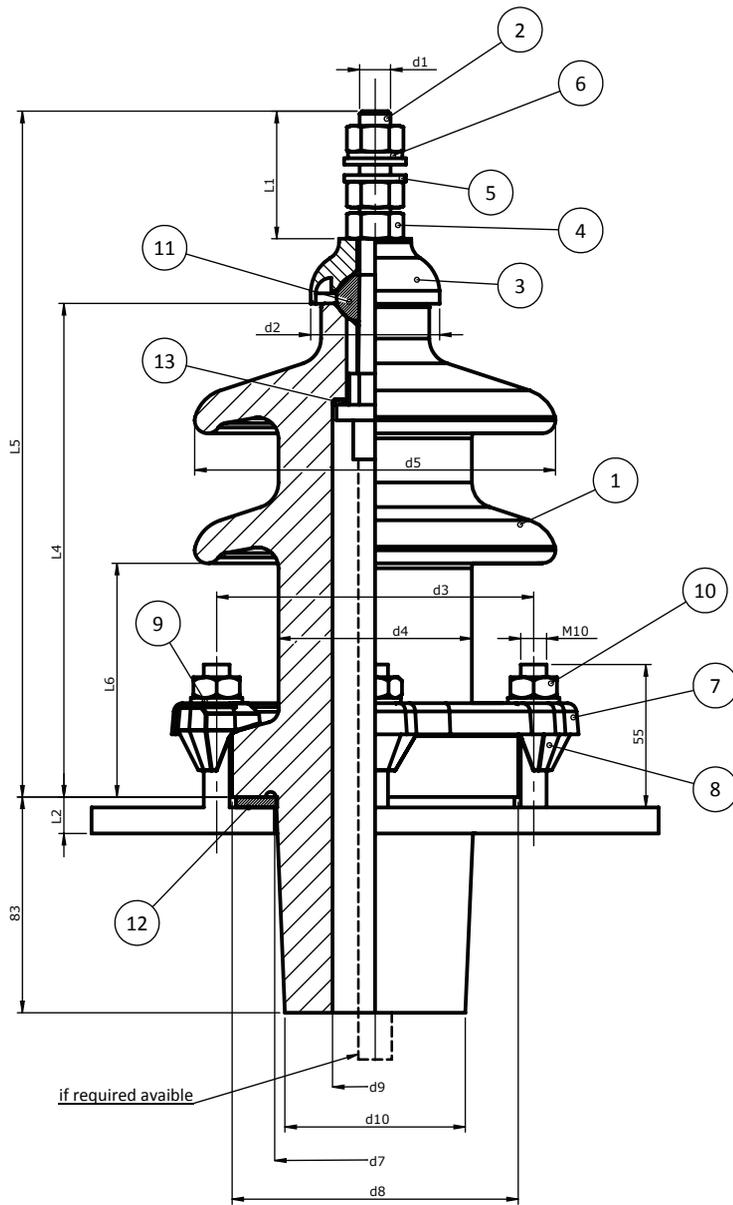
Type	Type		a mm	b mm	c mm	e mm	l1 mm	d1	d2 mm	d3 mm	d4	weight kg
	Outdoor	indoor										
DT 10 NI 250	-	10 N	260	76	ca. 60	85	321	M12	78	8	M8	3,6
DT 10 NF 250	10 N	-	310			85	371					4,5
DT 20 NI 250	-	20 N	310			155	371					4,6
DT 20 NF 250	20 N	-	385			155	461					6,1
DT 30 NI 250	-	30 N	385			220	461					6,2
DT 30 NF 250	30 N	-	485			220	561					7,5
DT 10 NI 630	-	10 N	292	108	ca. 75	85	353	M20	90	12	M12	5,7
DT 10 NF 630	10 N	-	342			85	403					7,2
DT 20 NI 630	-	20 N	342			155	403					7,3
DT 20 NF 630	20 N	-	417			155	493					9,2
DT 30 NI 630	-	30 N	417			220	493					9,3
DT 30 NF 630	30 N	-	522			220	618					12,2



Pos. No.	Description	Material	10-30 NF 1000-3150 Pcs.	52 NF 1000-3150 Pcs.
1	porcelain A	C110	1	1
2	Connecting Bolt	Cu-ETP	1	1
3	Ring S	CuZn40Pb2	1	1
4	Press ring	CuZn40Pb2	1	1
5	Cap E	CuZn40Pb2	1	1
6	Screw R	CuZn40Pb2	1	1
7	Flat Gasket F	PA6	1	1
8	Ring U	Cu-ETP	1	1
9	Washer F	CuZn40Pb2	1	1
10	Hexagon nut	CuZn40Pb2	1	1
11	Connecting Flag	CuZn40Pb2	1	1
12	Spring Washer	A2	2	2
13	Hexagon nut	A2	2	2
14	Upper arcing horn	A2	1	1

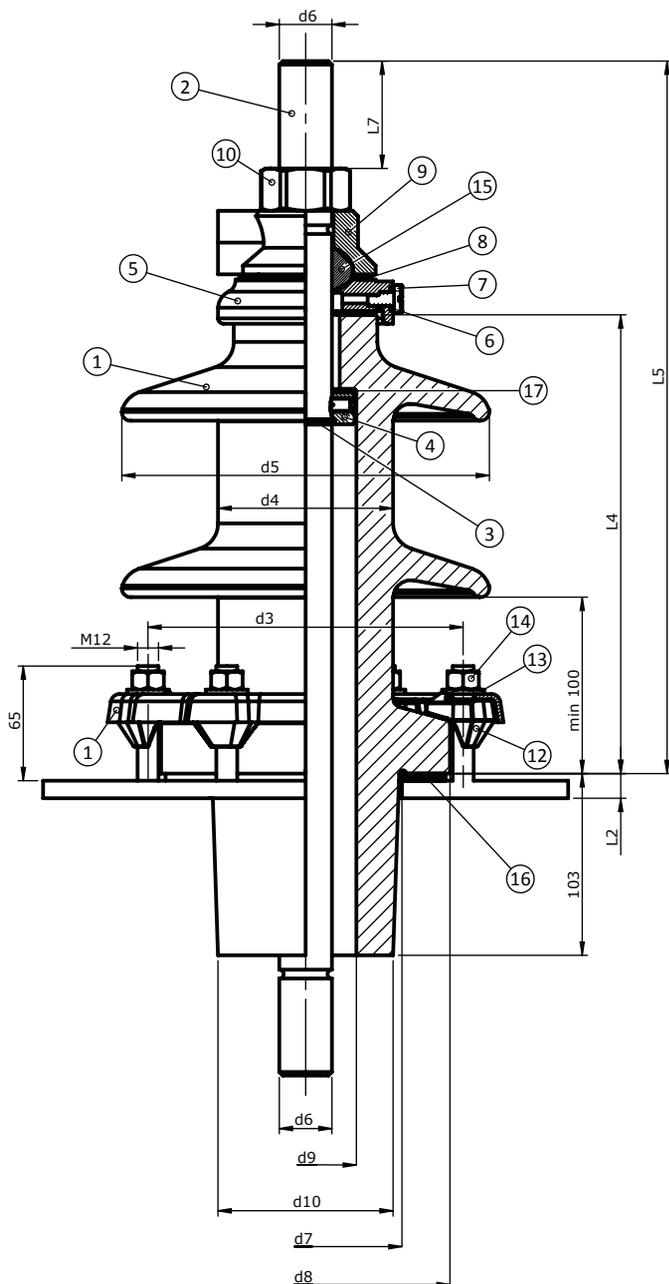
Type	a mm	b mm	d1	d3 mm	d4 mm	d5 mm	e mm	f mm	l1 mm	weight kg
DT 10 NF 1000455	158		M30x2	110	100	163	239	148	541	15,2
DT 20 NF 1000530	168			110	100	163	314	148	626	18,2
DT 30 NF 1000635	198			110	100	163	419	148	756	21,9
DT 10 NF 2000530	158		M42x3	135	120	183	239	178	616	24,9
DT 20 NF 2000605	168			135	120	183	314	178	701	29
DT 30 NF 2000710	198			135	120	183	419	178	831	34,7
DT 10 NF 3150560	158		M48x3	135	120	183	239	183	646	28,5
DT 20 NF 3150635	168			135	120	183	314	183	731	32,6
DT 30 NF 3150740	198			135	120	183	419	183	861	38,8
DT 52 NF 1000725	253		M30x2	135	120	183	509	148	901	35,2
DT 52 NF 2000800	253		M42x3	135	120	183	509	178	976	44,9
DT 52 NF 3150830	253		M48x3	135	120	183	509	183	1006	49,2

Pos. No.	Description	Material	10-30 NF 1000-3150 Pcs.	52 NF 1000-3150 Pcs.
1	Unteres Funkenhorn	A2	1	1
2	arc ing horn holder	A2	1	1
3	Spring Lock Washer	A2	2	2
4	Hexagon screw	A2	2	2
5	Hexagon nut	A2	2	2
6	Hexagon nut	A2	1	1
7	Flangering	Al	1	1
8	Press bit	G-ZnAl6Cu1	6	6
9	washer	A2	6	6
10	Hexagon nut	A2	6	6
11	Ring gasket J	NBR	1	1
9	Flat gasket M	NBR	1	1
10	Flat gasket N	NBR	1	1
11	gasket O	Pressspan	1	1



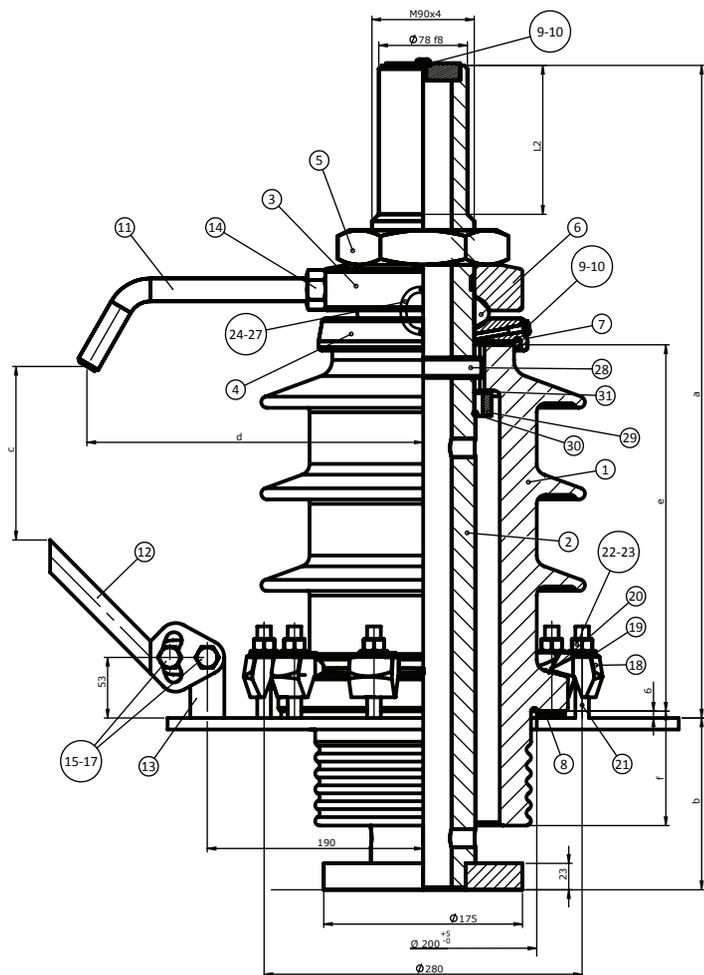
Pos. No.	Description	Material	250A Pcs.	630A Pcs.
1	porcelain A	C110	1	1
2	Connecting Bolt ST	CuZn40Pb2	1	1
3	Cap	CuZn40Pb2	1	1
4	hexagon Nut	CuZn40Pb2	3	3
5	Washer	CuZn40Pb2	2	2
6	Spring Lock Washer	A2	1	1
7	Flangering	AL	1	1
8	Pressure bit	G-ZnAl6Cu1	4	6
9	Washer	A2	4	6
10	Hexagon nut	A2	4	6
11	Ring Gasket J	NBR	1	1
12	Flat Gasket N	NBR	1	1
13	Gasket O	Pressspan	1	1

Type	Nminal voltage kV	Min.-Nominal-creepage Distance AB mm pollution degree(IEC 60185)				Porcelain type	Arcing distance mm	l1 min. mm	l2 min. mm	l4 min. mm	l5 min. mm	l6 min. mm	d1	d2 Max. mm	d3 mm	d4 max mm.	d5 max mm.	d6 max mm.	d7 max mm.	d8 max mm.	d10 max mm.	d9 max mm.	weight kg.
		I	II	III	IV																		
12-250/P1	12	192				1	145			190	270				75	140							7,4
12-250/P2			240																				
12-250/P4	12			300	372	2	260			304	384			80	150								9,48
24-250/P2	24	384	480																				
24-250/P3	24			600		3	315	45	15	357	437	90	M12	50	123	80	155	77	80	111	33	70	10,56
36-250/P1	36	576																					
24-250/P4	24			744		4	465			516	596				80	155							13,31
36-250/P3	36		720	900																			
36-250/P4	36			116	5	5	485			516	596				80	190							16,06
12-630/P3	12	192	24	300	6																		
12-630/P4	12			372	7	285						90			85	170							12,21
24-630/P2	24	384	480			7	285	70	20						85	170							12,21
24-630/P4	24			600	744																		
36-630/P2	36	576	720		8	375				423	540	100			85	180							14,76
36-630/P4	36			900	116	9	475			515	630	100			85	210							19,39



Pos. No.	Description	Material	Pcs.
1	Porcelain A	C110	1
2	Connecting Bolt ST	Cu-ETP	1
3	Ring	Cu-ETP	1
4	Press Ring	CuZn40Pb2	1
5	Lower Cap	CuZn40Pb2	1
6	Flat Gasket F	PA	1
7	Deaeration screw	CuZn40Pb2	1
8	Ring	CuZn40Pb2	1
9	Upper Cap	Cu-ETP	1
10	Hexagon Nut	CuZn40Pb2	1
11	Flange Ring	AL	1
12	Pressure Bit	G-ZnAl6Cu1	6
13	Washer	A2	6
14	Hexagon Nut	A2	6
15	Ring Gasket J	NBR	1
16	Flat Gasket N	NBR	1
17	Gasket O	Presspan	1

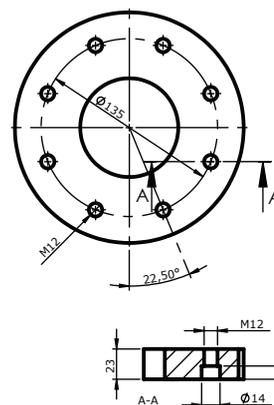
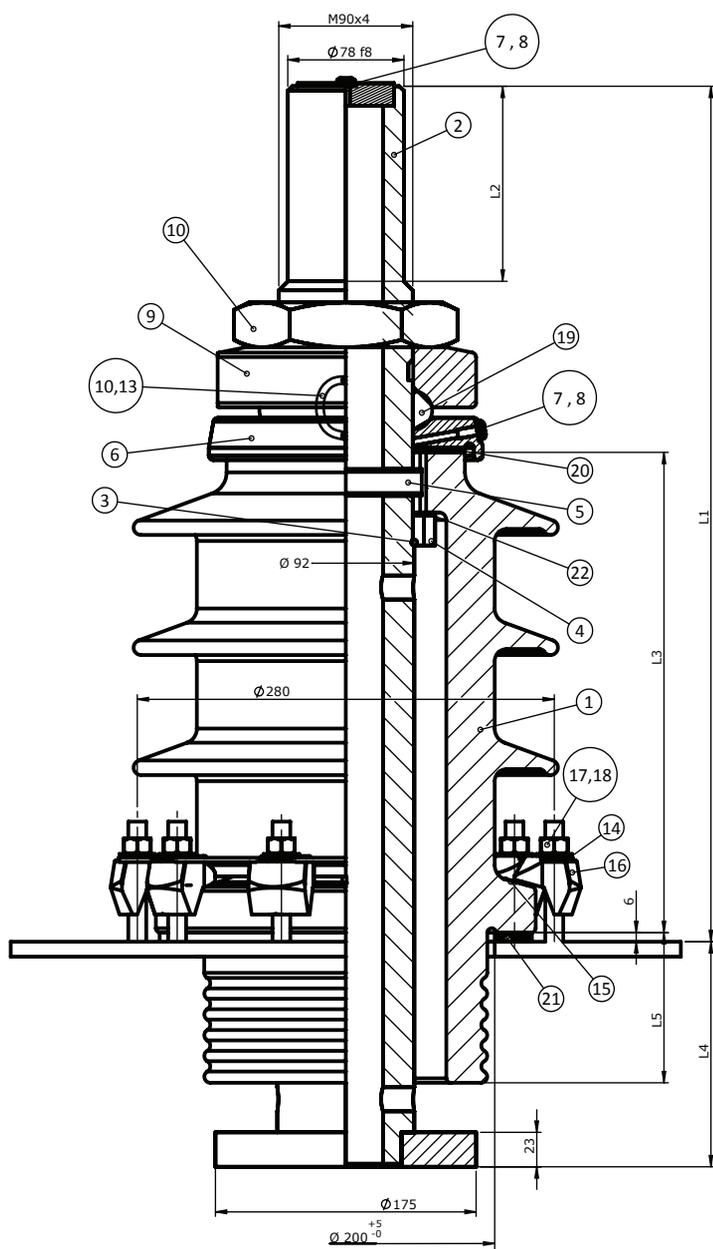
Type	Nminal voltage kV	Min.-Nominal-creepage Distance AB mm pollution degree(IEC 601)				Porcelain type	Arcing distance mm	l2 min. mm	l4 min. mm	l5 min. mm	l7 min. mm	d1 max. mm	d3 mm	d4 max. mm	d5 max. mm	d1 type		d6 max. mm	d7 max. mm	d8 max. mm	d9 max. mm	d10 max. mm	weight kg
		I	II	III	IV											A: thread	B: smooth						
12-1250/P4	12	192	240	300	372	21	215		260	415				210								12,32	
24-1250/P3	24	384	480	600		22	280		325	480				210								13,73	
24-1250/P4	24				744	23	385	25	420	575	80	107	185	240	M30x2	30	107	110	165	58	100	15,18	
36-1250/P3	36	576	720	900										240								16,91	
36-1250/P4	36				116	24	500		535	690												16,91	
12-2000/P4	12	192	240	300	372	25	210		260	450	100			120	M42X3	40						19,12	
12-3150/P4	12	192	240	300	372					470	120				M48x3	50						22,36	
24-2000/P3	24	384	480	600		26	275		325	515	100			120	M42X3	40						25,08	
24-3150/P3	24	384	480	600						535	120				M48x3	50						29,19	
24-2000/P4	24				744					610	100				M42X3	40						30,24	
36-2000/P3	36	576	720	900		27	385	30	420			132	205	125			132	135	185	78	125	31,8	
24-3150/P4	24				744					630	120											31,8	
36-3150/P3	36	576	720	900						725	100				M48x3	50						32,52	
36-2000/P4	36				116	28	495		535	745	120			260	M42X3	40						32,52	
36-3150/P4	36				116					745	120			125	M48x3	50						33,76	



Pos. No.	Description	Material	Pcs.
17	Hexagon Head Screw	A2	2
18	press bit	G-ZnAl6Cu1	10
19	Flange ring	CuZn40Pb2	1
20	Gasket	Cu-ETP	1
21	Grub Screw	A2	20
22	Hexagon Nut	A2	20
23	Washer	A2	20
24	Eyelet	A2	2
25	Earthing Wire	Cu-ETP	1
26	Cylinder Head Screw	A2	2
27	Spring Lock Washer	A2	2
28	Pipe	Cu-ETP	1
29	Press Ring	CuZn40Pb2	1
30	Holding Ring	Cu-ETP	1
31	Flat Gasket	Pressspan	1

Pos. No.	Description	Material	Pcs.
1	Porcelain A	C110	1
2	Connecting Pipe	Cu-ETP	1
3	Press Ring	CuZn40Pb2	1
4	Cap	CuZn40Pb2	1
5	Hexagon Nut	CuZn40Pb2	1
6	Ring Gasket	NBR	1
7	Flat Gasket	NBR	1
8	Flat gasket	NBR	1
9	Screw	CuZn40Pb2	2
10	Washer	PA	2
11	Upper Arcing Hprn	A2	1
12	Lower Arcing Horn	A2	1
13	Holder	A2	1
14	Hexagon Nut	A2	1
15	Hexagon Screw	A2	2
16	Hexagon Sut	A2	2

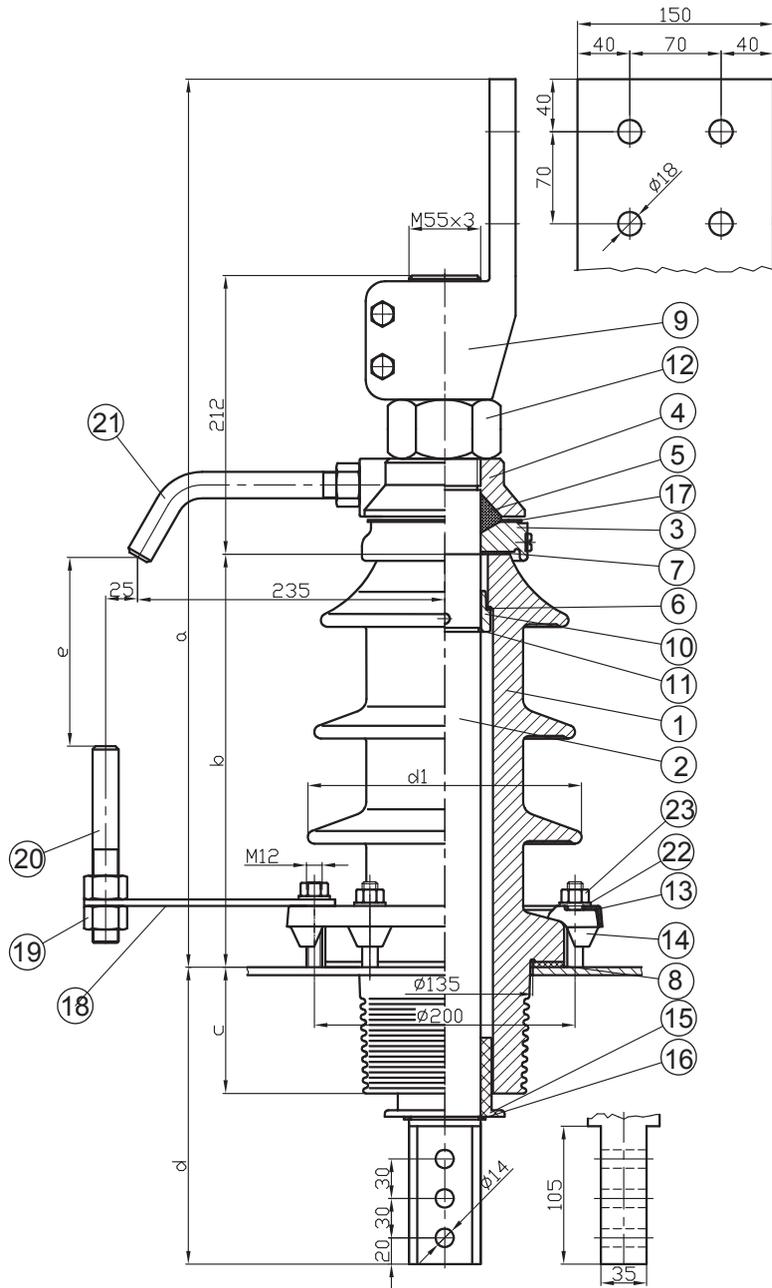
Type	Minimum arcing distance mm	Minimum creepage distance mm	l1 min. mm	l2 min. mm	l3 min. mm	l4 min. mm	l5 min. mm	l3 min. mm	l4 min. mm	weight kg
24 NF 5000	260	470	540	150	155	295	320	100	100	74,3
24 NF 8000	260	470	570	150	155	295	320	100	130	80,2
36 NF 5000	455	555	635	175	220	320	415	125	100	83,3
36 NF 8000	455	555	665	175	220	320	415	125	130	90,1



Pos. No.	Description	Material	Pcs.
1	Porcelain A	C110	1
2	Connecting Pipe	Cu-ETP	1
3	Ring	Cu-ETP	1
4	Press Ring	CuZn40Pb2	1
5	Pipe	Cu-ETP	1
6	Lower Cap	CuZn40Pb2	1
7	Flat Gasket	PA6	2
8	Screw	CuZn40Pb2	2
9	Upper Cap	CuZn40Pb2	1
10	Eyelet	-	2
11	Screw	A2	2

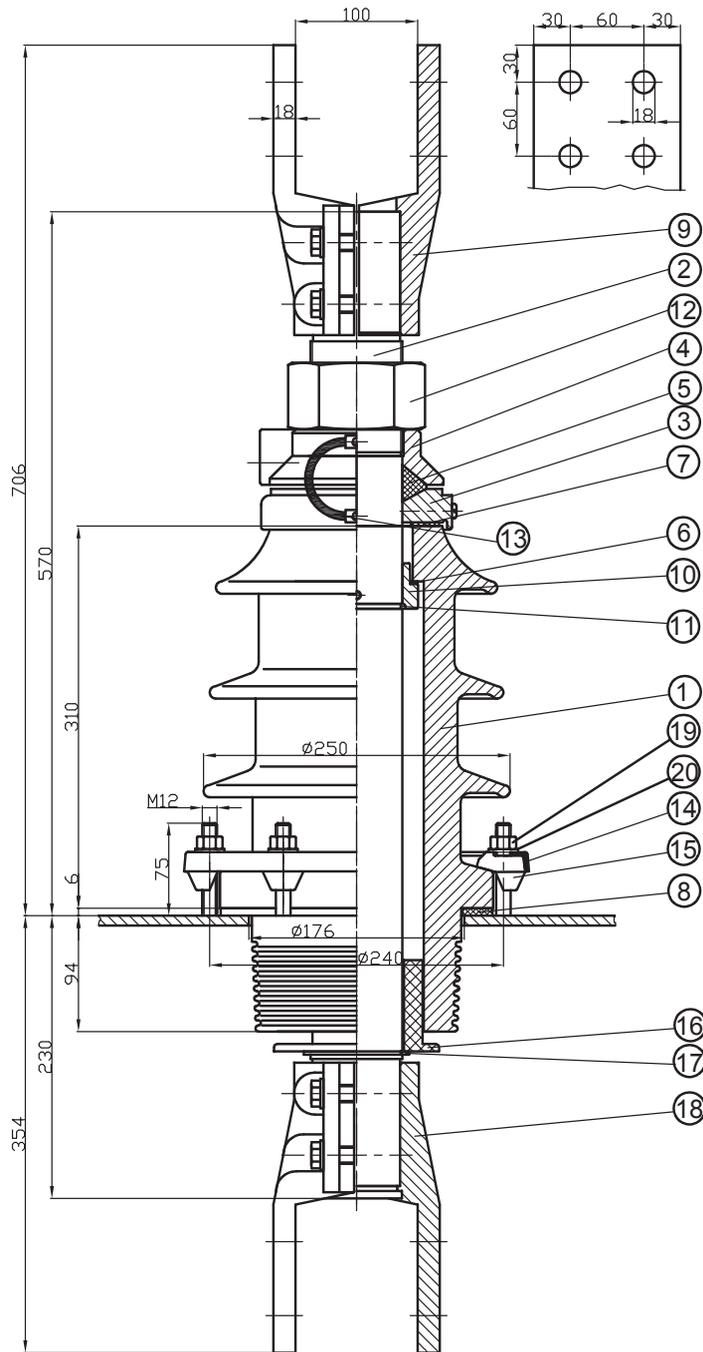
Pos. No.	Description	Material	Pcs.
12	Spring Lock Washer	A6	2
13	Earthing Wire	Cu-ETP	1
14	Flangering	CuZn40Pb2	1
15	Gasket	Cu-ETP	1
16	Press Bit	G-ZnAl6Cu1	10
17	Washer	A2	10
18	Hexagon Nut	A2	10
19	Ring Gasket	NBR	1
20	Flat Gasket	NBR	1
21	Flat Gasket	NBR	1
22	Flat Gasket	NBR	1

Type	Minimum creepage distance mm	Minimum arcing distance mm	l1 min. mm	l2 min. mm	l3 min. mm	l4 min. mm	l5 min. mm	weight kg
24-5/P2-A	480	270	540	100	320	150	100	72,94
24-8/P2-A			570	130	320	150	125	78,96
24-5/P4-A	744	380	635	100	415	175	125	77,05
24-8/P4-A			665	130	415	175	125	83,9
36-5/P2-A	720	380	635	100	415	175	125	86,99
36-8/P2-A			665	130	415	175	125	93,84
36-5/P3-A	900	370	635	100	415	175	125	89,37
36-8/P3-A			665	130	415	175	125	96,22



Pos. No.	Description	Material	Pcs.
1	Porcelain A	C110	1
2	Connecting Bolt ST	Cu-ETP	1
3	Cap With Deaeration Screw E	CuZn40Pb2	1
4	Washer F	CuZn40Pb2	1
5	Ring Gasket J	NBR	1
6	Gasket O	Pressspan	1
7	Flat Gasket M	NBR	1
8	Flat Gasket M	NBR	1
9	Connecting Flag	CuZn40Pb2	1
10	Press Ring	CuZn40Pb2	1
11	Ring	Cu-ETP	1

Pos. No.	Description	Material	Pcs.
12	Hexagon nut	CuZn40Pb2	1
13	Flange Ring	Al	1
14	Press Bit	Al	6
15	Centering Washer	PA	1
16	Locking Ring	A2	1
17	Ring	Cu-ETP	1
18	Arcing Horn Holder	A2	1
19	Hexagon nut	A2	3
20	Lower Arcing Horn	A2	1
21	Upper Arcing Horn	A2	1
22	Washer	A2	6
23	Hexagon Nut	A2	6



Pos. No.	Description	Material	Pcs.
1	Porcelain A	C110	1
2	Connecting Bolt ST	Cu-ETP	1
3	Cap with Deaeration Screw E	CuZn40Pb2	1
4	Washer F	CuZn40Pb2	1
5	Ring Gasket J	NBR	1
6	Gasket O	Presspan	1
7	Flat Gasket M	NBR	1
8	Flat Gasket M	NBR	1
9	Connecting Flag	Cu-ETP	1
10	Press Ring	CuZn40Pb2	1

Pos. No.	Description	Material	Pcs.
11	Ring	Cu-ETP	1
12	Hexagon Nut	CuZn40Pb2	1
13	Earthing Wire with 2 Screws	-	1
14	Flangering	Al	1
15	Press Bit	Al	6
16	Centering Washer	PA	1
17	Locking Ring	A2	1
18	Lower Connecting Flag	Cu-ETP	1
19	Hexagon Nut	A2	6
20	Washer	A2	6