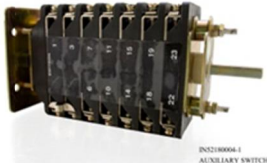


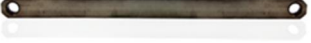
HPA SPARE PART LIST

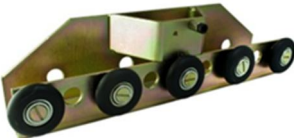


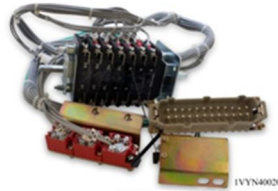
SR NO.	ARTICLE NO.	DESCRIPTION	PHOTO
1	1VYN400551-004	PRE.SWITCH:HPA(set'2+/- 0.1barchangeover)	 1VYN400551-004 PRE.SWITCH:HPA(set'2+/- 0.1barchangeover)
2	1VYN400551-006	PRE.SW.(TWO LEVEL)HPA : SP206	 1VYN400551-006 PRE.SW.(TWO LEVEL)HPA : SP206
3	IN44610002-G	HPA MOTOR ASSLY. 110V AC/DC(S.P/ OTHERS)	 HPA MOTOR ASSLY. 110V AC/DC(S.P/ OTHERS)
4	IN44610002-H	HPA MOTOR ASSLY. 220V AC/DC (S .P/OTHERS	 HPA MOTOR ASSLY. 220V AC/DC (S .P/OTHERS
5	1VEB446101-007	MOTOR WITH GEAR WHEEL 110-125 AC/DC	 1VEB446101-007 MOTOR WITH GEAR WHEEL 110-125 AC/DC

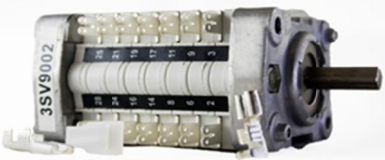
6	1VEB446101-008	MOTOR WITH GEAR WHEEL 220-230 AC/DC	 1VEB446101-008 MOTOR WITH GEAR WHEEL 220-230 AC/DC
7	1VEB446101-006	MOTOR WITH GEAR WHEEL 48-55 DC	 1VEB446101-006 MOTOR WITH GEAR WHEEL 48-55 DC
8	IN52180004-1	AUXILIARY SWITCH	 IN52180004-1 AUXILIARY SWITCH
9	IN54380001-N	M) MECH.TRIP & CLOSE PUSH BUTTONS : HPA	 IN54380001-N M) MECH.TRIP & CLOSE PUSH BUTTONS : HPA
10	1VYN400201-BV	MICRO SWITCH ASSY.:HPA (NEW)	 1VYN400201-BV MICRO SWITCH ASSY.:HPA (NEW)
11	1VEB537301-001	MICRO SWITCH WITH BALL	 1VEB537301-001 MICRO SWITCH WITH BALL
12	1VEB537301-002	MICRO SWITCH WITHOUT BALL 1VYN400250-061	 1VEB537301-002 MICRO SWITCH WITHOUT BALL 1VYN400250-061

13	5663162-1	DENSITY SWITCH	 5663162-1 DENSITY SWITCH
14	1VEB563302-010	ANTIPUMPING RELAY. 110V AC	 1VEB563302-010 ANTIPUMPING RELAY. 110V AC
15	1VEB563302-007	ANTIPUMPING RELAY. 110V DC	 1VEB563302-007 ANTIPUMPING RELAY. 110V DC
16	1VEB563302-011	ANTIPUMPING RELAY. 125-130V AC 50-60Hz	 1VEB563302-011 ANTIPUMPING RELAY. 125-130V AC 50-60Hz
17	1VEB563302-008	ANTIPUMPING RELAY. 125-130V DC	 1VEB563302-008 ANTIPUMPING RELAY. 125-130V DC
18	1VEB563302-012	ANTIPUMPING RELAY. 190-230V AC 50-60HZ	 1VEB563302-012 ANTIPUMPING RELAY. 190-230V AC 50-60Hz
19	1VEB563302-009	ANTIPUMPING RELAY. 200-230V DC	 1VEB563302-009 ANTIPUMPING RELAY. 200-230V DC

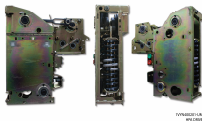
20	1VEB563302-001	ANTIPUMPING RELAY. 24-25V DC	 1VEB563302-001 ANTIPUMPING RELAY 24-25V DC
21	1VEB563302-002	ANTIPUMPING RELAY. 30V DC	 1VEB563302-002 ANTIPUMPING RELAY 30V DC
22	1VEB563302-005	ANTIPUMPING RELAY. 48-50-55V DC	 1VEB563302-005 ANTIPUMPING RELAY 48-50-55V DC
23	1VEB563302-006	ANTIPUMPING RELAY. 60V DC	 1VEB563302-006 ANTIPUMPING RELAY 60V DC
24	IN54380003-AC	OPENING PUSH ROD- HPA]FOR VHA1 2-S	 IN54380003-AC OPENING PUSH ROD- HPA] FOR VHA1 2-S
25	IN21840001-AE	PUSH ROD FOR HPA	 IN21840001-AE PUSH ROD FOR HPA
26	IN21840002-102	P) PULL ROD:HPA 40 kA	 IN21840002-102 P) PULL ROD:HPA 40 kA

27	IN21840001-DD	PULL ROD - NEW HPA FOR VHA-S	 IN21840001-DD PULL ROD - NEW HPA FOR VHA-S
28	1VYN400201-EP	WHEEL RACK (LEFT) FOR HPA 36kV	 1VYN400201-EP WHEEL RACK (LEFT) FOR HPA 36kV
29	IN52890001-E1	F) WHEEL RACK:HPA (R)	 IN52890001-E1 F) WHEEL RACK:HPA (R)
30	1VYN400501-GV1	F) WHEEL RACK (LHS):(IN52890001-A)	 1VYN400501-GV1 F) WHEEL RACK (LHS):(IN52890001-A)
31	2292996-1	WHEEL : IN 2292 0002-3	 2292996-1 WHEEL : IN 22920002-3
32	IN23210001-2	M) GEAR WHEEL:HPA	 IN23210001-2 M) GEAR WHEEL:HPA
33	1VYN400201-SN	F) CABLE STEM : HPA 36kV WITH Mech P.B.	 1VYN400201-SN F) CABLE STEM : HPA 36kV WITH Mech P.B.

34	1VYN400201-SL	CABLE STEM HPA with Mech. P.B.(VHA-12S)	 1VYN400201-SL CABLE STEM HPA with Mech. P.B.(VHA-12S)
35	IN54390002-D3	TOP SHAFT ASSLY : HPA (IN54390002-D)	 IN54390002-D3 TOP SHAFT ASSLY : HPA (IN54390002-D)
36	IN26570001-AM	F) 24-PIN PLUG ASSL:HPA	 IN26570001-AM F) 24-PIN PLUG ASSL:HPA
37	IN21670001-8	CATCH	 IN21670001-8 CATCH
38	IN21670001-10	Catch IN21670001-10	 IN21670001-10 Catch IN21670001-10
39	IN54280001-M	S) INDICATING PANEL	 IN54280001-M S) INDICATING PANEL
40	IN21920001-21	TENSION SPRING (BIG):HPA	 IN21920001-21 TENSION SPRING (BIG):HPA

41	IN21920001-22	M) TENSION SPRING (SMALL):HPA	 IN21920001-22 M) TENSION SPRING (SMALL):HPA
42	IN54360001-A3	M) TOP TFM : HPA(IN54360001-A)	 IN54360001-A3 M) TOP TFM : HPA(IN54360001-A)
43	IN21880002-C	CHARGING HANDLE FOR HPA BREAKER	 IN21880002-C CHARGING HANDLE FOR HPA BREAKER
44	1VYN301450-027	Auxiliary Switch	 1VYN301450-027 Auxiliary Switch
45	IN54450007-AB	Close/tripCoil 24V DC	 IN54450007-AB Close/tripCoil 24V DC
46	IN54450007-Y	Close/tripCoil 30V DC	 IN54450007-Y Close/tripCoil 30V DC
47	IN54450007-K	Close/tripCoil 110V DC	 IN54450007-K Close/tripCoil 110V DC

48	IN54450007-G	Close/tripCoil 220V DC	 IN54450007-G Close/tripCoil 220V DC
49	IN54450007-V	Tripping / Closing coil,36V DC,180W	 IN54450007-V Tripping / Closing coil, 36V DC, 180W
50	IN54450007-F	COIL : 250 V DC for HPA	 IN54450007-F COIL : 250 V DC for HPA
51	IN54450007-J	COIL:115-150V DC for HPA,220V DC for VD4	 IN54450007-J COIL:115-150V DC for HPA,220V DC for VD4
52	IN54450007-M	COIL:80V DC for HPA & 110V DC for VD4	 IN54450007-M COIL:80V DC for HPA & 110V DC for VD4
53	IN54450007-L	COIL:90-100V DC for HPA	 IN54450007-L COIL:90-100V DC for HPA
54	IN54450007-S	COIL48-55VDC/110VAC-HPA ,60VDC/230VACVD4	 IN54450007-S COIL48-55VDC/110VAC-HPA ,60VDC/230VACVD4

55	1VYN400201-CB	R.C.UNIT : HPA	
56	HAMT402314R2	TULIP COMPLETE (15 Fingar) (For 1250A	
57	HAMT402314R1	TULIP COMPLETE (24 Fingar)- 2000A	
58	1VYN300250-105	AUX. SWITCH (TYPE-35V9275) 13NO+13NC	
59	1VYN400201-UM	HPA DRIVE	
60	IN54320002-E	M) CHARGING DEVICE- HPA 12/-- 40C (NEW)	
61	1VYN400201-SC	CABE STEM (EXPORT HPA TYPE C.B.)	PHOTO PENDING

62	IN54390002-B3	GAJ) BOTT.OPERA SHAFT:HPA (IN54390002-B)	PHOTO PENDING
63	1VYN400201-A	SHOCK ABSORBER-IN 5256 0002-1(Tripping)	 1VYN400201-A
64	IN52560001-B	SHOCK ABSORBER : HPA (5256711- 10)	 IN52560001-B
65	21522018-9	O RING	 21522018-9
66	21522018-10	P) ""O"" RING:HPA	 21522018-10
67	16053	F) O RING : (1VYN400250-038)	 16053
68	1VYN400201-KX	SPANNER FOR NEW PR SW. (1VYN400250-043)	 1VYN400201-KX

69	IN54280001-K	PRESSURE REFILLING EQUIPMENT(KAR-6)	 PRODUCT 1 PRESSURE REFILLING EQUIPMENT
70	1VYN400201-AY	REFILLING UNIT FOR NEW PRESSURE SWITCH	 PRODUCT 2 REFILLING UNIT FOR NEW PRESSURE SWITCH
71	IN54390001-4	M) CAP : HPA (IN54390001-6)	 PRODUCT 3 CAP FOR HPA (IN54390001-6)
72	IN54390001-3	M) COUPLING : HPA(1VYN400250-045)	 PRODUCT 4 COUPLING FOR HPA (1VYN400250-045)
73	1VYN400201-EN	WHEEL RACK (RIGHT) HPA 36 kV	 PRODUCT 5 WHEEL RACK (RIGHT) HPA 36 kV
74	1VYN400201-SL1	CABLE STEM HPA with Mech. P.B	 PRODUCT 6 CABLE STEM HPA with Mech. P.B