

GE T&D INDIA LIMITED	
SPARES LIST FOR TYPE GL312 FK3-1 CIRCUIT BREAKER (132 &	
Sr. No.	ITEM DESCRIPTION
SPARES FOR POLE COLUMN	
1	TERMINAL PAD- 8 HOLES 50 MM #
	<b>SF6 MONITORING #</b>
2	DENSIMETER NO/NC 0.64MPA(REL) (309/312P) (Make - Trafag)*
3	CONVERSION KIT FROM STEEL TO COPPER PIPE
4	DRIVE ROD FK3-1/GL312_ FOR OLD
5	CONNECTING ROD/LINK GL312 L=1750MM
6	DISTRIBUTION BLOCK ASSEMBLY #
7	SF6 GAS CYLINDER 10KG
O-Rings & Gasket	
8	O-RING 10.82 X 1.78B 06
9	O RING 34.52 X 3.53 EPDM
10	O-RING 62.87 X 5.33 EPDM
11	O-RING D=85.10 D=5.33 C EPDM
12	O-RING 38.82 X 5.33 EPDM
13	O-RING D=93.00 THICK 3.53 EPDM
14	O-RING 66.27 X 3.53 B 06
15	BAGUE 7.30 x 2.40
16	RI 12.37 x 2.62 EPDM -50
17	O-RING D=31.4 D=0.62
18	O-RING D=23.4 D=3.53
19	Profildichtring R14/218/271.6
20	Profildichtring R14/168/221.6
SPARES FOR OPERATING MECHANISM	
21	Trip/Close Coil, 110V DC*
22	Trip/Close Coil, 220V DC*
23	Trip Magnet Assy FK3-1 #
24	Close Magnet Assy FK3-1 #
25	Aux Contact Assy 16 NO+16 NC
26	Motor Limit Switch (4NO+ 4NC)
27	Plastic Gear Assy With Bearings
28	Spring Charging motor 110 VAC/DC*
29	Spring Charging Motor 220 VAC/DC*
30	OPERATION COUNTER
31	Dashpot Assembly FK3-1 For GL 309
32	Door Switch
33	Thermostat
34	Choroprene Foam Black 5*40 mm Beading
35	Choroprene Foam Black 8*40 mm Beading
36	View Glass with Beading
37	Sealing Ring (Rain Sheild)
38	Spring Charge & ON OFF indicator
SPARES FOR LOCAL CONTROL CUBICAL	
39	CONTACTOR 2NO+2NC 220V*DC
40	CONTACTOR 2NO+2NC 110V*DC
41	CONTACTOR 3NO+1NC 220V*DC

42	CONTACTOR 3NO+1NC 110V*DC
43	TNC SWITCH
44	LOC-O-REM SELECTOR SW
45	LOC-OFF-REM SWITCH LOCKABLE
46	AC CONTACTOR 230V 2NO+2NC
47	ADD ON BLOCK 1NO+1NC
48	DC CONTROL SWITCH
49	LED* ( 1 FULL SET )
50	SPACE HEATER- BOX TYPE 60W
51	PUSH BUTTON (1 FULL SET)
52	DC MCB 6A DP
53	AC MCB 6A DP CURVE C
54	Reinforced Rubber Beading for LCC
<b>TOOLS/DEVICES</b>	
55	GAS FILLING KIT WITH DILO COUPLINGS DN8 AND TRANSITION PIECE
56	DN8 ADAPTOR
57	DN20 ADAPTOR
<b>CONSUMABLES</b>	
58	CONSUMABLE KIT Each Kit Contains: Molykote 111 (100 grams) Loctite 8103 (25grams) Molykote PG54 (25grams) Contactal Grease (50grams) vaseline (50 grams) Loctite 243 Thread Removable Locker (25ml) Loctite 262 Thread permanent Locker (25ml) mobilex bt3 (100grams)
59	GLATTOL 4130 982 (Shell Alvania (200gms)
60	MOLYKOTE PG54 (200gms)
61	MOLYKOTE 111 (100gms)
62	Grease Moly Magnus NT3 NLGI2 (50gms pack) (Replaced Loctite 8103)
63	Loctite 243 Thread Locker-50ml (Loctite 225 Replacement)
64	CONTACT GREASE 1 KG
65	VASELINE GREASE 1 KG
66	Loctite 225/243 Thread Locker-50ml
<b>Overhauling Kits</b>	
	Overhauling Kit for Mechanism (As per Annexure 1)
	Overhauling Kit for Pole (As per Annexure 2)

**Annexure 1****Overhauling Kit for Mechanism**

<b>Sr. No.</b>	<b>Material Descriptions</b>
1	Plastic Gear assembly
2	Bearings for Plastic Gear assembly
4	Shell Alvania 100 gms (Glattol 4103 982)
5	Choroprene Foam Black 5*40(Rubber Beading for
6	Choroprene Foam Black 8*40(Rubber Beading for
7	Reinforced Rubber Beading for LCC front door and rear
8	HEATER
9	THERMOSTAT
10	View Glass small
11	View glass beeding small
12	PG 54 GREASE 100 gms.
13	Consumable kit

**Annexure 2****Overhauling Kit for Pole**

<b>Sr. No.</b>	<b>Material Descriptions</b>
1	Profildichtring R14/218/271.6
2	Profildichtring R14/168/221.6
3	Interlocking bolt GL312P - Improved Vers
4	Consumable kit
5	O-RING 62.87 X 5.33 EPDM
6	O-RING 38.82 X 5.33 EPDM
7	O RING 34.52 X 3.53 EPDM
8	O-RING D=85.10 D=5.33 C EPDM
9	RI 12.37 x 2.62 EPDM -50
10	O-RING 10.82 X 1.78B 06
11	O-RING 66.27 X 3.53 B 06
12	MOCLULAIRE SIEVES 160 gms
13	O-RING D=31.4 D=0.62
14	O-RING D=36.1 D=0.62
15	O-RING D=23.4 D=3.53
16	JOINT
17	CLAPET DE REMPLISSAG E
18	RESSORT COMPRESSION
19	PTFE STRIP 5 X 3.15 (BLACK)