

**EM - CS - SR**  
**SPARES PARTS KIT SOLUTIONS**  
**PRICE LIST - 2017**

# Energy Management

Internal

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Date	30-12-2016

## Release of MS Spares Parts Kits & Delivery Lead Time

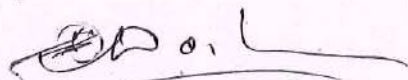
Dear All,

We are enclosing herewith the prices for spare parts kits of MS products:

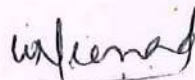
- Indoor panels MS- 8BK80 & 8BK88 PLUS
- Indoor breakers MS- 3HA3, 3AH5, 3AH0, 3AK & 3AH4
- Outdoor breakers MS- 3AG01/ 3AF01
- Vacuum Contactors 3TL8
- 8DA/8DB,

Kindly make a note of following:

- Prices for MS spare parts kits shall be valid for supply up to 30 th September 2017. For supply. of spares beyond that you have to consider LDF 2.5 % per quarter.
- These prices include a standard warranty of 18 months from the date of dispatch.
- These prices are valid for supplies in India only.
- These prices are on Ex work basis & exclusive of Taxes , duties, freight & Insurance.



Prashant Doshi  
General Manager  
Head BA EM CS  
SIEMENS LTD



Neenad Wilankar  
General Manager  
Head EM CS  
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## Spares Management Folder - MV AIS Spares Kit Availability

Switchgear Type	Breaker Used	Electrical & Maintenance Kit	VCB Pole Kit	VCB Mechanism Kit	VCB Rack Mechanism in kit	VCB contact Arms kit	Panel Spares Kit	Other Switchgear Spares	Remark
8BD1 , 8BK20	3AF	X	X	X	X	X	X	X	Retrofit Solution
8BK80 Old	3AH3 24KV & 36KV	✓	✓	✓	✓	✓	✓	On Request	Product Discontinued Since Oct 2015
8BK80 Old	3AH3 12KV	✓	✓	✓	✓	✓	✓	On Request	Product is in phase out mode
8BK80 Old	3AH51 series	✓	✓	✓	✓	✓	✓	On Request	Product is in phase out mode
8BK88 Plus	3AH0	✓	✓	✓	✓	Included in VCB Pole Kit	✓	On Request	
8BK88	3AH51 series	✓	On Request	On Request	On Request	On Request	On Request	On Request	
8BK80 RD	3AK	✓	✓	✓	✓	✓	On Request	On Request	
8BK80 RD	3AH54 series	✓	✓	✓	✓	Included in VCB Pole Kit	On Request	On Request	
8BK80 RD	3AH0 36KV	✓	✓	✓	✓	Included in VCB Pole Kit	On Request	On Request	
NX Air	3AE	On Request	On Request	On Request	On Request	On Request	On Request	On Request	
	3AF01	✓	✓	✓	X	X	X	On Request	
	3AG01	✓	X	✓	X	X	X	On Request	



## Spares Management Folder - MV GIS / other Spares Kit Availability

Switchgear Type	Product	Electrical & Maintenance Kit	Vacuum Interrupter / Pole Kit	Other Spares	Remark
8DA /8DB		✓	On Request	On Request	
8DJST		On Request	X	On Request	
CSS		On Request	X	On Request	
8PU		On Request	X	On Request	
SIVACON		On Request	X	On Request	
	3AH4	On Request	On Request	On Request	Recommended spares kits available after 30,000, 60,000 & 90,000 operations MLFB & Sr. No. require to provide the offer
	3TL8	✓	✓	On Request	

**Strategic Spares Parts Kits for 3AH3 - Breaker**

Kit	Breaker	KV	KA	A	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
Pole Kit	3AH3	12	31.5	1250	PTD4007016103	Set	1	98,351	14 weeks	2-AA		
Pole Kit	3AH3	12	31.5	2000	PTD4007016104	Set	1	102,230	14 weeks	2-AA		
Pole Kit	3AH3	12	31.5	2500	PTD4007016105	Set	1	102,230	14 weeks	2-AA		
Pole Kit	3AH3	12	40	1250	PTD4007016106	Set	1	149,792	14 weeks	2-AB		
Pole Kit	3AH3	12	40	1600	PTD4007016107	Set	1	149,792	14 weeks	2-AB		
Pole Kit	3AH3	12	40	2000	PTD4007016108	Set	1	151,474	14 weeks	2-AB		
Pole Kit	3AH3	12	40	2500	PTD4007016109	Set	1	157,767	14 weeks	2-AB		
Pole Kit	3AH3	12	40	3150	PTD4007016110	Set	1	157,767	14 weeks	2-AB		
Pole Kit	3AH3	24	25	1250	PTD4007016111	Set	1	166,115	14 weeks	2-AC		
Pole Kit	3AH3	24	25	2000	PTD4007016112	Set	1	168,790	14 weeks	2-AC		
Pole Kit	3AH3	36	31.5	1250	PTD4007016113	Set	1	169,295	14 weeks	2-AD		
Pole Kit	3AH3	36	31.5	2000	PTD4007016114	Set	1	172,378	14 weeks	2-AD		
Pole Kit	3AH3	36	31.5	2500	PTD4007016115	Set	1	176,938	14 weeks	2-AD		
Contact Arm Kit	3AH3	12	31.5	1250	PTD4007016173	Set	1	43,883	14 weeks	4-AA		AL Contact Arm
Contact Arm Kit	3AH3	12	31.5	2000	PTD4007016174	Set	1	93,466	14 weeks	4-AA		
Contact Arm Kit	3AH3	12	31.5	2500	PTD4007016175	Set	1	141,240	14 weeks	4-AA		
Contact Arm Kit	3AH3	12	40	1250	PTD4007016176	Set	1	79,222	14 weeks	4-AB		

## Strategic Spares Parts Kits for 3AH3 - Breaker

Kit	Breaker	KV	KA	A	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
Contact Arm Kit	3AH3	12	40	1600	PTD4007016177	Set	1	90,777	14 weeks	4-AB		
Contact Arm Kit	3AH3	12	40	2000	PTD4007016178	Set	1	97,111	14 weeks	4-AC		
Contact Arm Kit	3AH3	12	40	2500	PTD4007016179	Set	1	126,490	14 weeks	4-AC		
Contact Arm Kit	3AH3	12	40	3150	PTD4007016180	Set	1	126,490	14 weeks	4-AC		
Contact Arm Kit	3AH3	24	25	1250	PTD4007016181	Set	1	53,428	14 weeks	4-AD		
Contact Arm Kit	3AH3	24	25	2000	PTD4007016182	Set	1	96,341	14 weeks	4-AD		
Contact Arm Kit	3AH3	36	31.5	1250	PTD4007016183	Set	1	106,493	14 weeks	4-AE		
Contact Arm Kit	3AH3	36	31.5	2000	PTD4007016184	Set	1	137,503	14 weeks	4-AF		
Contact Arm Kit	3AH3	36	31.5	2500	PTD4007016185	Set	1	190,802	14 weeks	4-AF		
Contact Arm Kit	3AH3	12	31.5	1250	PTD4007016263	Set	1	59,346	14 weeks	4-AA		Cu Contact Arm
Mechanism Kit	3AH3	12	31.5	1250	PTD4007016136	Set	1	85,353	14 weeks	3-A		
Mechanism Kit	3AH3	12	31.5	2000	PTD4007016137	Set	1	85,353	14 weeks	3-A		
Mechanism Kit	3AH3	12	31.5	2500	PTD4007016138	Set	1	85,353	14 weeks	3-A		
Mechanism Kit	3AH3	12	40	1250	PTD4007016139	Set	1	87,457	14 weeks	3-A		
Mechanism Kit	3AH3	12	40	1600	PTD4007016140	Set	1	87,457	14 weeks	3-A		
Mechanism Kit	3AH3	12	40	2000	PTD4007016141	Set	1	87,457	14 weeks	3-A		
Mechanism Kit	3AH3	12	40	2500	PTD4007016142	Set	1	87,457	14 weeks	3-A		

Strategic Spares Parts Kits for 3AH3 - Breaker

Kit	Breaker	KV	KA	A	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
Mechanism Kit	3AH3	12	40	3150	PTD4007016143	Set	1	87,457	14 weeks	3-A		
Mechanism Kit	3AH3	24	25	1250	PTD4007016144	Set	1	88,369	14 weeks	3-A		
Mechanism Kit	3AH3	24	25	2000	PTD4007016145	Set	1	88,369	14 weeks	3-A		
Mechanism Kit	3AH3	36	31.5	1250	PTD4007016146	Set	1	88,800	14 weeks	3-A		
Mechanism Kit	3AH3	36	31.5	2000	PTD4007016147	Set	1	88,800	14 weeks	3-A		
Mechanism Kit	3AH3	36	31.5	2500	PTD4007016148	Set	1	88,800	14 weeks	3-A		
Rack in Mechanism Kit	3AH3 8BK80	36	-	-	PTD4007016200	Set	1	46,636	14 weeks	5-A		
Rack in Mechanism Kit	3AH3 8BK80	12	-	-	PTD4007016198	Set	1	34,243	14 weeks	5-A		
Rack in Mechanism Kit	3AH3 8BK80	24	-	-	PTD4007016199	Set	1	40,449	14 weeks	5-A		



## VCB Pole Kit 3AH3 12KV 31.5KA

Figure 2-AA



Vacuum Interrupter – 1x



Top flange – 1x



Bottom Flange – 1x



Switching bar assembly-1x



Current Link -1x



Insulator-2x



Copper Terminal-1x



## VCB Pole Kit 3AH3 12KV 40KA

Figure 2-AB



Vacuum Interrupter – 1x



Top flange – 1x



Bottom Flange – 1x



Switching bar assembly-1x



Current Link -1x



Insulator-2x



Copper Terminal-1x

## VCB Pole Kit 3AH3 24KV

## Figure 2-AC



**Vacuum Interrupter – 1x**



**Top flange – 1x**



**Bottom Flange – 1x**



**Switching bar assemebly-1x**



**Current Link -1x**



**Insulator-2x**



**Copper Terminal-1x**

## VCB Pole Kit 3AH3 36KV

## Figure 2-AD



**Vacuum Interrupter – 1x**



**Top flange – 1x**



**Bottom Flange – 1x**



**Switching bar assembly-1x**



**Current Link -1x**



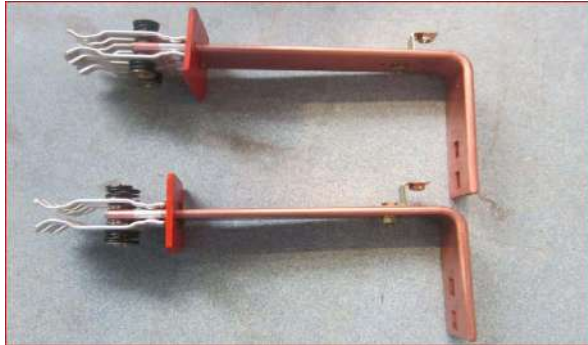
**Insulator-2x**



**Copper Terminal-1x**

## Contact Arms Kit for 3AH3 12KV

Figure 4-AA



Contact Arms Upper 3x & Lower 3X



PP Tube with bush & Bolts – 6x

## Contact Arms Kit For 3AH3 12KV 40 KA 1250 / 1600A

Figure 4-AB



Contact Arms Upper 3x & Lower 3X



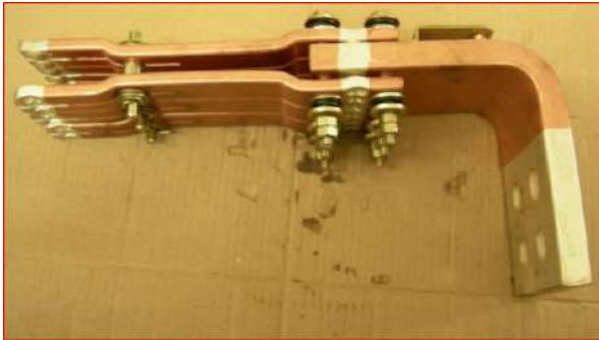
PP Tube with bush & Bolts - 6x



Distance Holder -12x



**Contact Arms Kit For 3AH3 12 KV 40 KA – 2000 / 2500 / 3150A      Figure 4-AC**



**Contact Arms Upper 3x & Lower 3X**



**PP Tube with bush & Bolts – 6x**



**Distance Holder -12x**

**Contact Arms Kit for 3AH3 24KV**

**Figure 4-AD**



**Contact Arms Upper 3x & Lower 3X**



**PP Tube with bush & Bolts – 6x**

## Contact Arms Kit For 3AH3 36KV 1250A      Figure 4-AE



Palm Area



Crown Side

Copper contact Arms with Dia 40 mm- 6X Or Al contact Arms with Dia 40 mm- 6X

## Contact Arms For 3AH3 36KV 2000 A / 2500A      Figure 4-AF



Palm Area



Crown Side

Copper contact Arms - 6X

## VCB Mechanism Kit 3AH3

Figure 3-A



**Gearbox + Gasket – 1X**



**Operation Counter – 1X**



**Connecting Rod – 1X**



**Shock Absorber – 1X**



**Switch Off Block – 1X**



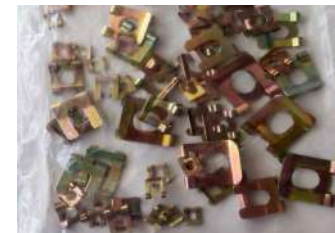
**Switch On Spring – 1X**



**Switch Off Spring – 1X**



**Spring charging handle – 1X**

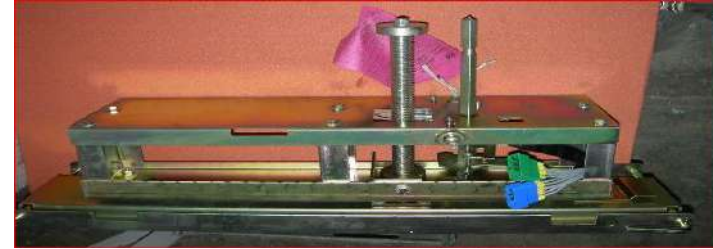


**Securing Elements – 1pack**



## VCB Rack in Mechanism Kit 3AH3

Figure 5-A



Drive Box – 1x



Rack in – Rack out handle – 1X



Double bit key – 1X

Electrical & Maintenance Kit for 3AH3 - Breaker

Kit	Breaker	Connector	Aux. Switch	Aux. Voltage	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
E & M	3AH3	32 Pin	12 NO+12 NC	110 V	PTD4007016035	1	Set	60,613	4 Weeks	1-A		
E & M	3AH3	32 Pin	12 NO+12 NC	220 V	PTD4007016036	1	Set	60,613	4 Weeks	1-A		
E & M	3AH3	32 Pin	12 NO+12 NC	24 V	PTD4007016037	1	Set	60,613	4 Weeks	1-A		
E & M	3AH3	32 Pin	12 NO+12 NC	48 V	PTD4007016038	1	Set	60,613	4 Weeks	1-A		
E & M	3AH3	32 Pin	6 NO+6 NC	110 V	PTD4007016039	1	Set	57,066	4 Weeks	1-A		
E & M	3AH3	32 Pin	6 NO+6 NC	220 V	PTD4007016040	1	Set	57,066	4 Weeks	1-A		
E & M	3AH3	32 Pin	6 NO+6 NC	24 V	PTD4007016041	1	Set	57,066	4 Weeks	1-A		
E & M	3AH3	32 Pin	6 NO+6 NC	48 V	PTD4007016042	1	Set	57,066	4 Weeks	1-A		
E & M	3AH3	64 Pin	12 NO+12 NC	110 V	PTD4007016043	1	Set	64,457	4 Weeks	1-A		
E & M	3AH3	64 Pin	12 NO+12 NC	220 V	PTD4007016044	1	Set	64,457	4 Weeks	1-A		
E & M	3AH3	64 Pin	12 NO+12 NC	24 V	PTD4007016045	1	Set	64,457	4 Weeks	1-A		
E & M	3AH3	64 Pin	12 NO+12 NC	48 V	PTD4007016046	1	Set	64,457	4 Weeks	1-A		
E & M	3AH3	64 Pin	6 NO+6 NC	110 V	PTD4007016047	1	Set	60,911	4 Weeks	1-A		
E & M	3AH3	64 Pin	6 NO+6 NC	220 V	PTD4007016048	1	Set	60,911	4 Weeks	1-A		
E & M	3AH3	64 Pin	6 NO+6 NC	24 V	PTD4007016049	1	Set	60,911	4 Weeks	1-A		
E & M	3AH3	64 Pin	6 NO+6 NC	48 V	PTD4007016050	1	Set	60,911	4 Weeks	1-A		

# Electrical & Maintenance Kit

Figure 1-A

			
Motor – 1x	Aux Contactor – 1x	Limit Snap Switch – 5x	Securing Elements – 1pack
			
Closing Coil -1x	Oil -500gm	Rectifier – 1x	Aux Switch– 1x
			
Tripping Coil – 1x	Grease -500gm	Aux Switch 4 NO + 4 NC – 1x	Pin Plug Assembly – 1x

## Strategic Spares Parts Kits for 3AH51 - Breaker

Kit	Breaker	KV	KA	A	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
Pole Kit	3AH51	12	20	800	PTD4007016116	Set	1	65,707	14 weeks	2-B		
Pole Kit	3AH51	12	20	1250	PTD4007016117	Set	1	65,707	14 weeks	2-B		
Pole Kit	3AH51	12	25	800	PTD4007016118	Set	1	65,707	14 weeks	2-B		
Pole Kit	3AH51	12	25	1250	PTD4007016119	Set	1	65,707	14 weeks	2-B		
Pole Kit	3AH51	12	31.5	800	PTD4007016120	Set	1	79,780	14 weeks	2-B		
Pole Kit	3AH51	12	31.5	1250	PTD4007016121	Set	1	79,780	14 weeks	2-B		
Contact Arm Kit	3AH51 600W AL	12	20-25	800	PTD4007016186	Set	1	36,149	14 weeks	4-BA		Al Contact Arms
Contact Arm Kit	3AH51 600W AL	12	20-25	1250	PTD4007016187	Set	1	36,149	14 weeks	4-BA		Al Contact Arms
Contact Arm Kit	3AH51 600W AL	12	31.5	800	PTD4007016188	Set	1	36,149	14 weeks	4-BA		Al Contact Arms
Contact Arm Kit	3AH51 600W AL	12	31.5	1250	PTD4007016189	Set	1	36,149	14 weeks	4-BA		Al Contact Arms
Contact Arm Kit	3AH51 600W Cu	12	20-25	800	PTD4007016190	Set	1	52,108	14 weeks	4-BA		Cu Contact Arms
Contact Arm Kit	3AH51 600W Cu	12	20-25	1250	PTD4007016191	Set	1	52,108	14 weeks	4-BA		Cu Contact Arms
Contact Arm Kit	3AH51 600W Cu	12	31.5	800	PTD4007016242	Set	1	52,108	14 weeks	4-BA		Cu Contact Arms
Contact Arm Kit	3AH51 600W Cu	12	31.5	1250	PTD4007016243	Set	1	52,108	14 weeks	4-BA		Cu Contact Arms
Contact Arm Kit	3AH51 800W AL	12	20-25	800	PTD4007016244	Set	1	37,297	14 weeks	4-BB		Al Contact Arms
Contact Arm Kit	3AH51 800W AL	12	20-25	1250	PTD4007016245	Set	1	37,297	14 weeks	4-BB		Al Contact Arms
Contact Arm Kit	3AH51 800W AL	12	31.5	800	PTD4007016246	Set	1	37,297	14 weeks	4-BB		Al Contact Arms

Strategic Spares Parts Kits for 3AH51 - Breaker

Kit	Breaker	KV	KA	A	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
Contact Arm Kit	3AH51 800W AL	12	31.5	1250	PTD4007016247	Set	1	37,297	14 weeks	4-BB		Al Contact Arms
Contact Arm Kit	3AH51 800W Cu	12	20-25	800	PTD4007016248	Set	1	63,766	14 weeks	4-BB		Cu Contact Arms
Contact Arm Kit	3AH51 800W Cu	12	20-25	1250	PTD4007016249	Set	1	63,766	14 weeks	4-BB		Cu Contact Arms
Contact Arm Kit	3AH51 800W Cu	12	31.5	800	PTD4007016250	Set	1	63,766	14 weeks	4-BB		Cu Contact Arms
Contact Arm Kit	3AH51 800W Cu	12	31.5	1250	PTD4007016251	Set	1	63,766	14 weeks	4-BB		Cu Contact Arms
Mechanism Kit	3AH51	12	20	800	PTD4007016149	Set	1	43,637	14 weeks	3-B		
Mechanism Kit	3AH51	12	20	1250	PTD4007016150	Set	1	43,637	14 weeks	3-B		
Mechanism Kit	3AH51	12	25	800	PTD4007016151	Set	1	43,995	14 weeks	3-B		
Mechanism Kit	3AH51	12	25	1250	PTD4007016152	Set	1	43,995	14 weeks	3-B		
Mechanism Kit	3AH51	12	31.5	800	PTD4007016153	Set	1	45,053	14 weeks	3-B		
Mechanism Kit	3AH51	12	31.5	1250	PTD4007016154	Set	1	45,053	14 weeks	3-B		
Rack in Mechanism Kit	3AH5 8BK80 600W	-	-	-	PTD4007016201	Set	1	32,098	14 weeks	5-B		8BK80 Panel width- 600mm
Rack in Mechanism Kit	3AH5 8BK80 800W	-	-	-	PTD4007016202	Set	1	37,762	14 weeks	5-B		8BK80 Panel width- 800mm



## VCB Pole Kit Assembly 3AH5 -1

## Figure 2-B



**Vacuum Interrupter – 1x**



**Top flange – 1x**



**Bottom Flange – 1x**



**Switching bar – 1x**



**Current Link – 1x**



**Insulator – 1x**



**FRP bar – 2x**



**Bracket – 1x**



**Lever – 1x**

### Contact Arms Kit For Kit 3AH5-1 for 600W panel



Contact Arms Upper & Lower - 3X each

Figure 4-BA



PP Tube ,Bush & Nylon Bolt – 6x each

### Contact Arms Kit for Kit 3AH5-1 for 800W panel



Contact Arms Upper & Lower - 3X each

Figure 4 – BB



PP Tube ,Bush & Nylon Bolt – 6x each



## VCB Mechanical Kit 3AH5-1

Figure 3-B



**Gear Box assembly – 1x**



**Operation Counter – 1x**



**Shock Absorber – 1x**



**Switch off block – 1x**



**Switch on block – 1x**



**Switch off spring – 1x**



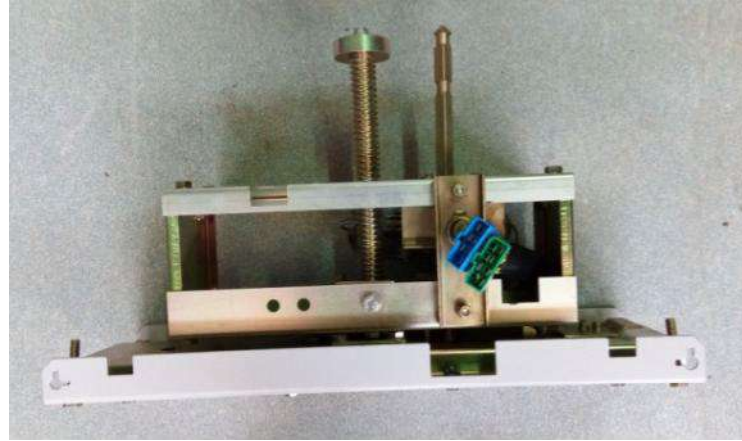
**Spring charging handle – 1x**



**Securing Elements – 1Pack**

## VCB Rack in Mechanism Kit

## Figure 5-B



Drive Box – 1X



Rack in – Rack out handle – 1X















Double bit key – 1X

Electrical & Maintenance Kit for 3AH51- Breaker

Kit	Breaker	Connector	Aux. Switch	Aux. Voltage	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
E & M	3AH51	32 Pin	12 NO+12 NC	110 V	PTD4007016051	1	Set	60,206	4 Weeks	1-B		
E & M	3AH51	32 Pin	12 NO+12 NC	220 V	PTD4007016052	1	Set	60,206	4 Weeks	1-B		
E & M	3AH51	32 Pin	12 NO+12 NC	24 V	PTD4007016053	1	Set	60,206	4 Weeks	1-B		
E & M	3AH51	32 Pin	12 NO+12 NC	48 V	PTD4007016054	1	Set	60,206	4 Weeks	1-B		
E & M	3AH51	32 Pin	6 NO+6 NC	110 V	PTD4007016055	1	Set	56,660	4 Weeks	1-B		
E & M	3AH51	32 Pin	6 NO+6 NC	220 V	PTD4007016056	1	Set	56,660	4 Weeks	1-B		
E & M	3AH51	32 Pin	6 NO+6 NC	24 V	PTD4007016057	1	Set	56,660	4 Weeks	1-B		
E & M	3AH51	32 Pin	6 NO+6 NC	48 V	PTD4007016058	1	Set	56,660	4 Weeks	1-B		
E & M	3AH51	64 Pin	12 NO+12 NC	110 V	PTD4007016059	1	Set	64,051	4 Weeks	1-B		
E & M	3AH51	64 Pin	12 NO+12 NC	220 V	PTD4007016060	1	Set	64,051	4 Weeks	1-B		
E & M	3AH51	64 Pin	12 NO+12 NC	24 V	PTD4007016061	1	Set	64,051	4 Weeks	1-B		
E & M	3AH51	64 Pin	12 NO+12 NC	48 V	PTD4007016062	1	Set	64,051	4 Weeks	1-B		
E & M	3AH51	64 Pin	6 NO+6 NC	110 V	PTD4007016063	1	Set	60,504	4 Weeks	1-B		
E & M	3AH51	64 Pin	6 NO+6 NC	220 V	PTD4007016064	1	Set	60,504	4 Weeks	1-B		
E & M	3AH51	64 Pin	6 NO+6 NC	24 V	PTD4007016065	1	Set	60,504	4 Weeks	1-B		
E & M	3AH51	64 Pin	6 NO+6 NC	48 V	PTD4007016066	1	Set	60,504	4 Weeks	1-B		

## Electrical & Maintenance Kit

Figure 1-B

			
<b>Motor – 1x</b>	<b>Aux Contactor – 1x</b>	<b>Limit Snap Switch – 5x</b>	<b>Securing Elements – 1pack</b>
			
<b>Closing Coil -1x</b>	<b>Oil -500gm</b>	<b>Rectifier – 1x</b>	<b>Aux Switch– 1x</b>
			
<b>Tripping Coil – 1x</b>	<b>Grease -500gm</b>	<b>Aux Switch 4 NO + 4 NC – 1x</b>	<b>Pin Plug Assembly – 1x</b>

Strategic Spares Parts Kits for 3AH0 12KV - Breaker

Kit	Breaker	KV	KA	A	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
Pole Kit	3AH0 12KV	12	25	800	PTD4007016101	Set	1	77,841	14 weeks	2-CA		
Pole Kit	3AH0 12KV	12	25	1250	PTD4007016102	Set	1	79,979	14 weeks	2-CA		
Pole Kit	3AH0 12KV	12	25	1600	PTD4007016241	Set	1	131,146	14 weeks	2-CB		
Mechanism Kit	3AH0 12KV	12	25	800	PTD4007016161	Set	1	41,795	14 weeks	3-C		
Mechanism Kit	3AH0 12KV	12	25	1250	PTD4007016161	Set	1	41,795	14 weeks	3-C		
Mechanism Kit	3AH0 12KV	12	25	1600	PTD4007016262	Set	1	41,795	14 weeks	3-C		
Rack in Mechanism Kit	3AH0 8BK88+	-	-	-	PTD4007016205	Set	1	20,032	14 weeks	5-C		



**VCB Pole kit 3AH0 800/1250 A Figure 2-CA**



**Vacuum Interrupter VS 12025GB – 1X**



**Current Strip – 1X**



**Insulating stud – 1X**



**BRACKET – 1X**



**UPPER CONT ARM ASSLY.1250A – 1X**



**LOWER CONT ARM ASSLY.1250A – 1X**



**Tube Support – 1X**

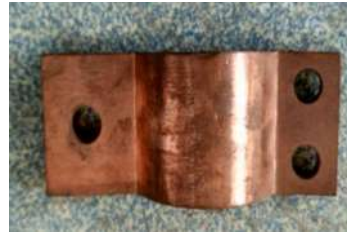


**VACUUM INTERRUPTER HOUSING – 1X**

**VCB Pole kit 3AH0 1600A      Figure 2-CB**



**Vacuum Interrupter VS 12025GB – 1X**



**Current Strip – 1X**



**Insulating stud – 1X**



**BRACKET – 1X**



**UPPER CONT ARM ASSLY.1600A – 1X**



**LOWER CONT ARM ASSLY.1600A – 1X**



**Tube Support – 1X**



**VACUUM INTERRUPTER HOUSING – 1X**



## VCB Mechanism kit 3AH0

## Figure: 3C



Switch on spring - 1X



Switch off spring - 1X



Counter – 1X



Shock absorber – 1X



Switch off Block assembly - 1X



Pole cover – 1X



Gear box assembly – 1X



Securing Element – 1 pack

**VCB Rack in Mechanism Kit**

**Figure 5-C**



**Drive Box – 1X**



**Rack in – Rack out handle – 1X**















**Double bit key – 1X**

## Electrical & Maintenance Kit for 3AH0 12KV - Breaker

Kit	Breaker	Connector	Aux. Switch	Aux. Voltage	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
E & M	3AH0 12KV	32 Pin	12 NO+12 NC	110 V	PTD4007016003	1	Set	60,206	4 Weeks	1-B		
E & M	3AH0 12KV	32 Pin	12 NO+12 NC	220 V	PTD4007016004	1	Set	60,206	4 Weeks	1-B		
E & M	3AH0 12KV	32 Pin	12 NO+12 NC	24 V	PTD4007016005	1	Set	60,206	4 Weeks	1-B		
E & M	3AH0 12KV	32 Pin	12 NO+12 NC	48 V	PTD4007016006	1	Set	60,206	4 Weeks	1-B		
E & M	3AH0 12KV	32 Pin	6 NO+6 NC	110 V	PTD4007016007	1	Set	56,660	4 Weeks	1-B		
E & M	3AH0 12KV	32 Pin	6 NO+6 NC	220 V	PTD4007016008	1	Set	56,660	4 Weeks	1-B		
E & M	3AH0 12KV	32 Pin	6 NO+6 NC	24 V	PTD4007016009	1	Set	56,660	4 Weeks	1-B		
E & M	3AH0 12KV	32 Pin	6 NO+6 NC	48 V	PTD4007016010	1	Set	56,660	4 Weeks	1-B		
E & M	3AH0 12KV	64 Pin	12 NO+12 NC	110 V	PTD4007016011	1	Set	64,051	4 Weeks	1-B		
E & M	3AH0 12KV	64 Pin	12 NO+12 NC	220 V	PTD4007016012	1	Set	64,051	4 Weeks	1-B		
E & M	3AH0 12KV	64 Pin	12 NO+12 NC	24 V	PTD4007016013	1	Set	64,051	4 Weeks	1-B		
E & M	3AH0 12KV	64 Pin	12 NO+12 NC	48 V	PTD4007016014	1	Set	64,051	4 Weeks	1-B		
E & M	3AH0 12KV	64 Pin	6 NO+6 NC	110 V	PTD4007016015	1	Set	60,504	4 Weeks	1-B		
E & M	3AH0 12KV	64 Pin	6 NO+6 NC	220 V	PTD4007016016	1	Set	60,504	4 Weeks	1-B		
E & M	3AH0 12KV	64 Pin	6 NO+6 NC	24 V	PTD4007016017	1	Set	60,504	4 Weeks	1-B		
E & M	3AH0 12KV	64 Pin	6 NO+6 NC	48 V	PTD4007016018	1	Set	60,504	4 Weeks	1-B		

## Electrical & Maintenance Kit

Figure 1-B

			
Motor – 1x	Aux Contactor – 1x	Limit Snap Switch – 5x	Securing Elements – 1pack
			
Closing Coil -1x	Oil -500gm	Rectifier – 1x	Aux Switch– 1x
			
Tripping Coil – 1x	Grease -500gm	Aux Switch 4 NO + 4 NC – 1x	Pin Plug Assembly – 1x

## Strategic Spares Parts Kits for 3AH54 - Breaker

Kit	Breaker	KV	KA	A	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
Pole Kit	3AH54 DTC	12	25	800	PTD4007016122	Set	1	78,077	14 weeks	2-D		
Pole Kit	3AH54 DTC	12	25	1250	PTD4007016123	Set	1	79,069	14 weeks	2-D		
Pole Kit	3AH54 P/F	12	25	2000	PTD4007016124	Set	1	85,654	14 weeks	2-D		
Pole Kit	3AH54 P/F	12	25	2500	PTD4007016125	Set	1	93,629	14 weeks	2-D		
Pole Kit	3AH54 P/F	12	31.5	2000	PTD4007016126	Set	1	99,186	14 weeks	2-D		
Pole Kit	3AH54 P/F	12	31.5	2500	PTD4007016127	Set	1	107,162	14 weeks	2-D		
Pole Kit	3AH54 DTC	12	31.5	800	PTD4007016264	Set	1	95,693	14 weeks	2-D		
Pole Kit	3AH54 DTC	12	31.5	1250	PTD4007016265	Set	1	97,368	14 weeks	2-D		
Mechanism Kit	3AH54 P/F	12	25	2000	PTD4007016266	Set	1	43,137	14 weeks	3-D		
Mechanism Kit	3AH54 P/F	12	25	2500	PTD4007016267	Set	1	43,137	14 weeks	3-D		
Mechanism Kit	3AH54 DTC	12	25	800	PTD4007016155	Set	1	43,137	14 weeks	3-D		
Mechanism Kit	3AH54 DTC	12	25	1250	PTD4007016156	Set	1	43,137	14 weeks	3-D		
Mechanism Kit	3AH54 DTC	12	31.5	800	PTD4007016157	Set	1	44,354	14 weeks	3-D		
Mechanism Kit	3AH54 DTC	12	31.5	1250	PTD4007016158	Set	1	44,354	14 weeks	3-D		

Strategic Spares Parts Kits for 3AH54 - Breaker

Kit	Breaker	KV	KA	A	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
Mechanism Kit	3AH54 P/F	12	31.5	2000	PTD4007016159	Set	1	44,354	14 weeks	3-D		
Mechanism Kit	3AH54 P/F	12	31.5	2500	PTD4007016160	Set	1	44,354	14 weeks	3-D		
Rack in Mechanism Kit	3AH5 DTC 600W	-	-	-	PTD4007016203	Set	1	19,920	14 weeks	5-D		8BK80 Redesign Structure for DTC 600 w
Rack in Mechanism Kit	3AH5 P 800W	-	-	-	PTD4007016204	Set	1	21,648	14 weeks	5-D		8BK80 Redesign Structure for 800 w - Portfolio



## VCB Pole Kit 3AH5-4 DTC

Figure 2-D



Vacuum Interrupter – 1x



Upper & Lower contact arm – 1 each



Insulator – 2x



Bracket – 1x



Switching Bar – 1x



Pole kit bar Bar – 2x



Current Link – 1x



Pole Cover (PP tube) – 1x



Lever – 1x



## VCB Mechanical Kit 3AH5-4

Figure 3-D



Gear Box assembly – 1x



Operation Counter – 1x



Shock Absorber – 1x



Switch off block – 1x



Switch on spring – 1x



Switch off spring – 6x



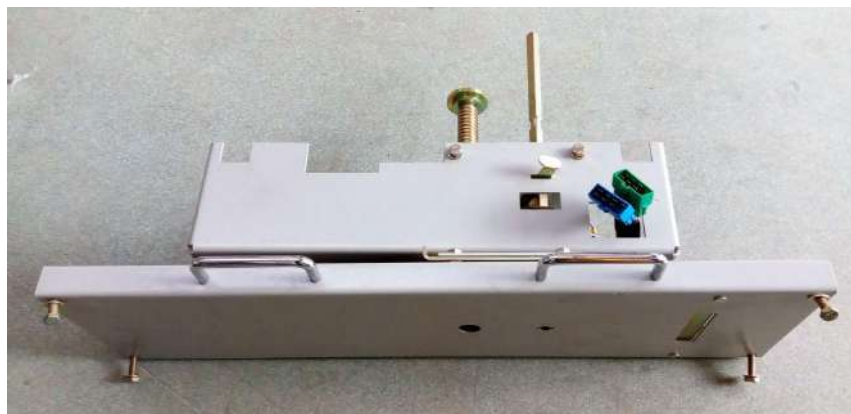
Spring charging handle – 1x



Lock washer Kit – 1x

## VCB Rack & Out Mechanical Kit 3AH5-4

Figure 5-D



Drive Box – 1x



Hand crank Handle – 1x















Double bit key – 1x

Electrical & Maintenance Kit for 3AH54- Breaker

Kit	Breaker	Connector	Aux. Switch	Aux. Voltage	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
E & M	3AH54	32 Pin	12 NO+12 NC	110 V	PTD4007016067	1	Set	60,206	4 Weeks	1-B		
E & M	3AH54	32 Pin	12 NO+12 NC	220 V	PTD4007016068	1	Set	60,206	4 Weeks	1-B		
E & M	3AH54	32 Pin	12 NO+12 NC	24 V	PTD4007016069	1	Set	60,206	4 Weeks	1-B		
E & M	3AH54	32 Pin	12 NO+12 NC	48 V	PTD4007016070	1	Set	60,206	4 Weeks	1-B		
E & M	3AH54	32 Pin	6 NO+6 NC	110 V	PTD4007016071	1	Set	56,660	4 Weeks	1-B		
E & M	3AH54	32 Pin	6 NO+6 NC	220 V	PTD4007016072	1	Set	56,660	4 Weeks	1-B		
E & M	3AH54	32 Pin	6 NO+6 NC	24 V	PTD4007016073	1	Set	56,660	4 Weeks	1-B		
E & M	3AH54	32 Pin	6 NO+6 NC	48 V	PTD4007016074	1	Set	56,660	4 Weeks	1-B		
E & M	3AH54	64 Pin	12 NO+12 NC	110 V	PTD4007016075	1	Set	64,051	4 Weeks	1-B		
E & M	3AH54	64 Pin	12 NO+12 NC	220 V	PTD4007016076	1	Set	64,051	4 Weeks	1-B		
E & M	3AH54	64 Pin	12 NO+12 NC	24 V	PTD4007016077	1	Set	64,051	4 Weeks	1-B		
E & M	3AH54	64 Pin	12 NO+12 NC	48 V	PTD4007016078	1	Set	64,051	4 Weeks	1-B		
E & M	3AH54	64 Pin	6 NO+6 NC	110 V	PTD4007016079	1	Set	60,504	4 Weeks	1-B		
E & M	3AH54	64 Pin	6 NO+6 NC	220 V	PTD4007016080	1	Set	60,504	4 Weeks	1-B		
E & M	3AH54	64 Pin	6 NO+6 NC	24 V	PTD4007016081	1	Set	60,504	4 Weeks	1-B		
E & M	3AH54	64 Pin	6 NO+6 NC	48 V	PTD4007016082	1	Set	60,504	4 Weeks	1-B		

## Electrical & Maintenance Kit

Figure 1-B

			
<b>Motor – 1x</b>	<b>Aux Contactor – 1x</b>	<b>Limit Snap Switch – 5x</b>	<b>Securing Elements – 1pack</b>
			
<b>Closing Coil -1x</b>	<b>Oil -500gm</b>	<b>Rectifier – 1x</b>	<b>Aux Switch– 1x</b>
			
<b>Tripping Coil – 1x</b>	<b>Grease -500gm</b>	<b>Aux Switch 4 NO + 4 NC – 1x</b>	<b>Pin Plug Assembly – 1x</b>

## Strategic Spares Parts Kits for 3AK6 - Breaker

Kit	Breaker	KV	KA	A	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
Pole Kit	3AK	12	40/44	1250	PTD4007016128	Set	1	119,813	14 weeks	2-E		
Pole Kit	3AK	12	40/44	1600	PTD4007016129	Set	1	120,763	14 weeks	2-E		
Pole Kit	3AK	12	40/44	2000	PTD4007016130	Set	1	120,763	14 weeks	2-E		
Pole Kit	3AK	12	40/44	2500	PTD4007016131	Set	1	124,880	14 weeks	2-E		
Pole Kit	3AK	12	40/44	3150	PTD4007016132	Set	1	124,880	14 weeks	2-E		
Pole Kit	3AK	12	40/44	3750	PTD4007016133	Set	1	135,000	14 weeks	2-E		
Contact Arm Kit	3AK	12	40/44	1250	PTD4007016192	Set	1	45,220	14 weeks	4-E		
Contact Arm Kit	3AK	12	40/44	1600	PTD4007016193	Set	1	59,814	14 weeks	4-E		
Contact Arm Kit	3AK	12	40/44	2000	PTD4007016194	Set	1	59,814	14 weeks	4-E		
Contact Arm Kit	3AK	12	40/44	2500	PTD4007016195	Set	1	98,518	14 weeks	4-E		
Contact Arm Kit	3AK	12	40/44	3150	PTD4007016196	Set	1	98,518	14 weeks	4-E		
Contact Arm Kit	3AK	12	40/44	3750	PTD4007016197	Set	1	207,170	14 weeks	4-E		
Mecahnism Kit	3AK	12	40/44	1250	PTD4007016163	Set	1	75,657	14 weeks	3-E		
Mecahnism Kit	3AK	12	40/44	1600	PTD4007016164	Set	1	75,657	14 weeks	3-E		
Mecahnism Kit	3AK	12	40/44	2000	PTD4007016165	Set	1	75,657	14 weeks	3-E		
Mecahnism Kit	3AK	12	40/44	2500	PTD4007016166	Set	1	75,657	14 weeks	3-E		
Mecahnism Kit	3AK	12	40/44	3150	PTD4007016167	Set	1	75,657	14 weeks	3-E		



Strategic Spares Parts Kits for 3AK6 - Breaker

Kit	Breaker	KV	KA	A	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
Mecahnism Kit	3AK	12	40/44	3750	PTD4007016168	Set	1	80,151	14 weeks	3-E		
Rack in Mechanism Kit	3AK 8BK80RD	12	-	-	PTD4007016206	Set	1	21,165	14 weeks	5-E		
Rack in Mechanism Kit	3AK 8BK80RD	12	-	-	PTD4007016207	Set	1	21,165	14 weeks	5-E		
Rack in Mechanism Kit	3AK 8BK80RD	12	-	-	PTD4007016208	Set	1	25,146	14 weeks	5-E		

## VCB Pole Kit 3AK



**Vacuum Tube – 1X**



**Bottom Flange – 1X**



**Pole kinematic assembly – 1X**

## Figure 2-E



**Top Flange – 1X**



**Current Link – 2X**



**Pole Chair – 1X**

## VCB Arms Kit 3AK

## Figure 4 –E



Upper and Lower contact Arms – 6X  
1250 Amp



Upper and Lower contact Arms – 6X  
1600Amp / 2000Amp



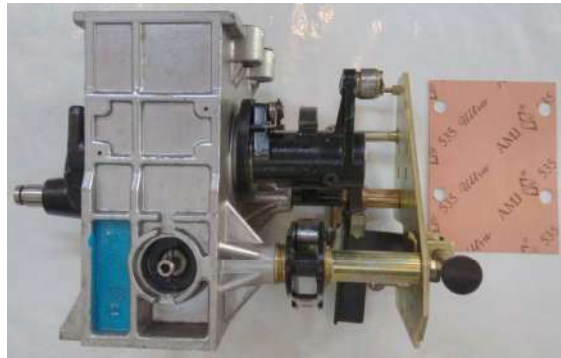
Upper and Lower contact Arms – 6X  
2500Amp



Pole Cover (PP Tube) – 3X

## VCB Mechanism Kit 3AK

## Figure 3-E



**Gearbox + Gasket – 1X**



**Operation Counter – 1X**



**Connecting Rod – 1X**



**Shock Absorber – 1X**



**Switch Off Block – 1X**



**Switch On Spring – 1X**



**Switch Off Spring – 1X**



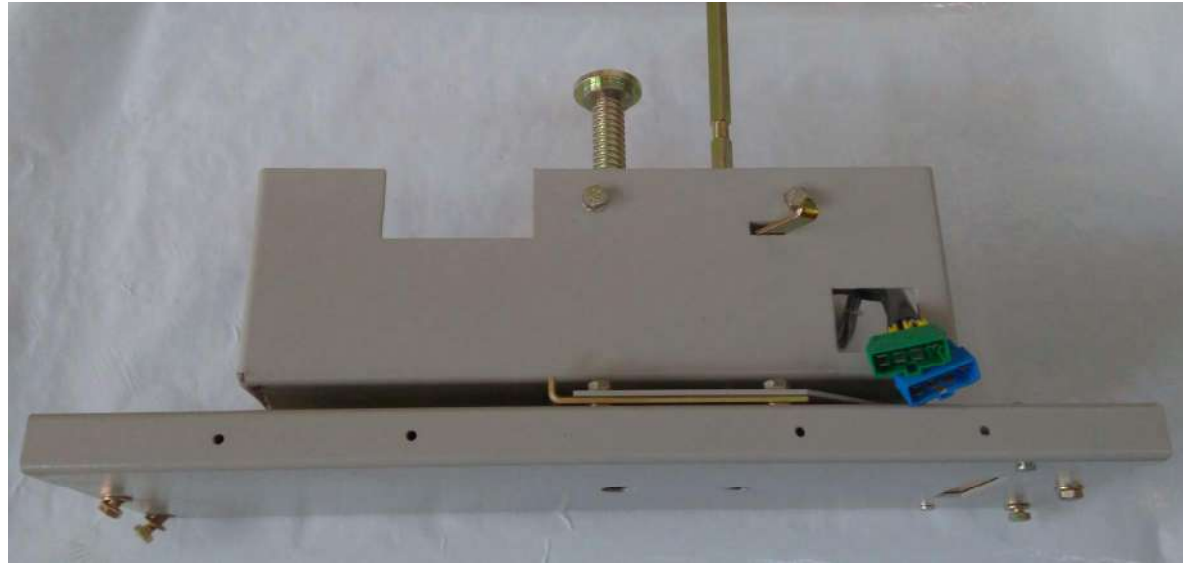
**Spring charging handle – 1X**



**Securing Elements – 1pack**

## VCB Rack in Mechanism Kit

## Figure 5-E



**Drive Box (700W or 800W) – 1X**



**Rack in – Rack out handle – 1X**



**Double bit key – 1X**



## Electrical & Maintenance Kit for 3AK6- Breaker

Kit	Breaker	Connector	Aux. Switch	Aux. Voltage	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
E & M	3AK	32 Pin	12 NO+12 NC	110 V	PTD4007016083	1	Set	60,613	4 Weeks	1-A		
E & M	3AK	32 Pin	12 NO+12 NC	220 V	PTD4007016084	1	Set	60,613	4 Weeks	1-A		
E & M	3AK	32 Pin	12 NO+12 NC	24 V	PTD4007016085	1	Set	60,613	4 Weeks	1-A		
E & M	3AK	32 Pin	12 NO+12 NC	48 V	PTD4007016086	1	Set	60,613	4 Weeks	1-A		
E & M	3AK	32 Pin	6 NO+6 NC	110 V	PTD4007016087	1	Set	57,066	4 Weeks	1-A		
E & M	3AK	32 Pin	6 NO+6 NC	220 V	PTD4007016088	1	Set	57,066	4 Weeks	1-A		
E & M	3AK	32 Pin	6 NO+6 NC	24 V	PTD4007016089	1	Set	57,066	4 Weeks	1-A		
E & M	3AK	32 Pin	6 NO+6 NC	48 V	PTD4007016090	1	Set	57,066	4 Weeks	1-A		
E & M	3AK	64 Pin	12 NO+12 NC	110 V	PTD4007016091	1	Set	64,457	4 Weeks	1-A		
E & M	3AK	64 Pin	12 NO+12 NC	220 V	PTD4007016092	1	Set	64,457	4 Weeks	1-A		
E & M	3AK	64 Pin	12 NO+12 NC	24 V	PTD4007016093	1	Set	64,457	4 Weeks	1-A		
E & M	3AK	64 Pin	12 NO+12 NC	48 V	PTD4007016094	1	Set	64,457	4 Weeks	1-A		
E & M	3AK	64 Pin	6 NO+6 NC	110 V	PTD4007016095	1	Set	60,911	4 Weeks	1-A		
E & M	3AK	64 Pin	6 NO+6 NC	220 V	PTD4007016096	1	Set	60,911	4 Weeks	1-A		
E & M	3AK	64 Pin	6 NO+6 NC	24 V	PTD4007016097	1	Set	60,911	4 Weeks	1-A		
E & M	3AK	64 Pin	6 NO+6 NC	48 V	PTD4007016098	1	Set	60,911	4 Weeks	1-A		

# Electrical & Maintenance Kit

Figure 1-A

			
Motor – 1x	Aux Contactor – 1x	Limit Snap Switch – 5x	Securing Elements – 1pack
			
Closing Coil -1x	Oil -500gm	Rectifier – 1x	Aux Switch– 1x
			
Tripping Coil – 1x	Grease -500gm	Aux Switch 4 NO + 4 NC – 1x	Pin Plug Assembly – 1x

**Strategic Spares Parts Kits for 3AH0 36 KV - Breaker**

Kit	Breaker	KV	KA	A	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
Pole Kit	3AH0 36KV	36	26.3	800	PTD4007016231	Set	1	124,032	14 weeks	2-F		
Pole Kit	3AH0 36KV	36	26.3	1250	PTD4007016232	Set	1	139,536	14 weeks	2-F		
Pole Kit	3AH0 36KV	36	26.3	1600	PTD4007016233	Set	1	139,536	14 weeks	2-F		
Pole Kit	3AH0 36KV	36	26.3	2000	PTD4007016234	Set	1	155,040	14 weeks	2-F		
Pole Kit	3AH0 36KV	36	26.3	2500	PTD4007016235	Set	1	155,040	14 weeks	2-F		
Pole Kit	3AH0 36KV	36	31.5	800	PTD4007016252	Set	1	151,939	14 weeks	2-F		
Pole Kit	3AH0 36KV	36	31.5	1250	PTD4007016253	Set	1	170,544	14 weeks	2-F		
Pole Kit	3AH0 36KV	36	31.5	1600	PTD4007016254	Set	1	170,544	14 weeks	2-F		
Pole Kit	3AH0 36KV	36	31.5	2000	PTD4007016255	Set	1	190,017	14 weeks	2-F		
Pole Kit	3AH0 36KV	36	31.5	2500	PTD4007016256	Set	1	190,017	14 weeks	2-F		
Mechanism Kit	3AH0 36KV	36	26.3	800	PTD4007016236	Set	1	85,909	14 weeks	3-F		
Mechanism Kit	3AH0 36KV	36	26.3	1250	PTD4007016237	Set	1	85,909	14 weeks	3-F		
Mechanism Kit	3AH0 36KV	36	26.3	1600	PTD4007016238	Set	1	85,909	14 weeks	3-F		
Mechanism Kit	3AH0 36KV	36	26.3	2000	PTD4007016239	Set	1	85,909	14 weeks	3-F		
Mechanism Kit	3AH0 36KV	36	26.3	2500	PTD4007016240	Set	1	85,909	14 weeks	3-F		
Mechanism Kit	3AH0 36KV	36	31.5	800	PTD4007016257	Set	1	89,075	14 weeks	3-F		
Mechanism Kit	3AH0 36KV	36	31.5	1250	PTD4007016258	Set	1	89,075	14 weeks	3-F		

Strategic Spares Parts Kits for 3AH0 36 KV - Breaker

Kit	Breaker	KV	KA	A	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
Mechanism Kit	3AH0 36KV	36	31.5	1600	PTD4007016259	Set	1	89,075	14 weeks	3-F		
Mechanism Kit	3AH0 36KV	36	31.5	2000	PTD4007016260	Set	1	89,075	14 weeks	3-F		
Mechanism Kit	3AH0 36KV	36	31.5	2500	PTD4007016261	Set	1	89,075	14 weeks	3-F		

**VCB Pole 3AH0 36KV**

**Figure 2-F**



**Complete VCB Pole – 1X**



## Mechanism Kit 3AH0 36KV

Figure 3- F



**Gearbox + Gasket – 1X**



**Operation Counter – 1X**



**Connecting Rod – 1X**



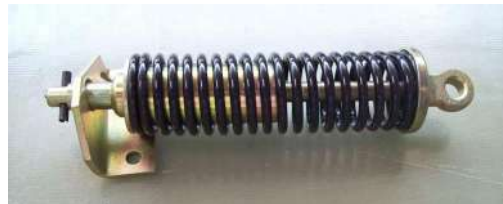
**Shock Absorber – 1X**



**Switch Off Block – 1X**



**Switch On Spring – 1X**



**Switch Off Spring – 1X**



**Spring charging handle – 1X**



**Securing Elements – 1pack**

## Electrical & Maintenance Kit for 3AH0 36 KV - Breaker

Kit	Breaker	Connector	Aux. Switch	Aux. Voltage	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
E & M	3AH0 36KV	32 Pin	12 NO+12 NC	110 V	PTD4007016019	1	Set	60,613	4 Weeks	1-A		
E & M	3AH0 36KV	32 Pin	12 NO+12 NC	220 V	PTD4007016020	1	Set	60,613	4 Weeks	1-A		
E & M	3AH0 36KV	32 Pin	12 NO+12 NC	24 V	PTD4007016021	1	Set	60,613	4 Weeks	1-A		
E & M	3AH0 36KV	32 Pin	12 NO+12 NC	48 V	PTD4007016022	1	Set	60,613	4 Weeks	1-A		
E & M	3AH0 36KV	32 Pin	6 NO+6 NC	110 V	PTD4007016023	1	Set	57,066	4 Weeks	1-A		
E & M	3AH0 36KV	32 Pin	6 NO+6 NC	220 V	PTD4007016024	1	Set	57,066	4 Weeks	1-A		
E & M	3AH0 36KV	32 Pin	6 NO+6 NC	24 V	PTD4007016025	1	Set	57,066	4 Weeks	1-A		
E & M	3AH0 36KV	32 Pin	6 NO+6 NC	48 V	PTD4007016026	1	Set	57,066	4 Weeks	1-A		
E & M	3AH0 36KV	64 Pin	12 NO+12 NC	110 V	PTD4007016027	1	Set	64,457	4 Weeks	1-A		
E & M	3AH0 36KV	64 Pin	12 NO+12 NC	220 V	PTD4007016028	1	Set	64,457	4 Weeks	1-A		
E & M	3AH0 36KV	64 Pin	12 NO+12 NC	24 V	PTD4007016029	1	Set	64,457	4 Weeks	1-A		
E & M	3AH0 36KV	64 Pin	12 NO+12 NC	48 V	PTD4007016030	1	Set	64,457	4 Weeks	1-A		
E & M	3AH0 36KV	64 Pin	6 NO+6 NC	110 V	PTD4007016031	1	Set	60,911	4 Weeks	1-A		
E & M	3AH0 36KV	64 Pin	6 NO+6 NC	220 V	PTD4007016032	1	Set	60,911	4 Weeks	1-A		
E & M	3AH0 36KV	64 Pin	6 NO+6 NC	24 V	PTD4007016033	1	Set	60,911	4 Weeks	1-A		
E & M	3AH0 36KV	64 Pin	6 NO+6 NC	48 V	PTD4007016034	1	Set	60,911	4 Weeks	1-A		

# Electrical & Maintenance Kit

Figure 1-A

			
Motor – 1x	Aux Contactor – 1x	Limit Snap Switch – 5x	Securing Elements – 1pack
			
Closing Coil -1x	Oil -500gm	Rectifier – 1x	Aux Switch– 1x
			
Tripping Coil – 1x	Grease -500gm	Aux Switch 4 NO + 4 NC – 1x	Pin Plug Assembly – 1x













## Electrical & Maintenance Kit for 3AG01 - Breaker

Kit	Breaker	Connector	Aux. Switch	Aux. Voltage	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
E & M	3AG01	32 Pin	12 NO+12 NC	110 V	PTD4007015971	1	Set	60,206	4 Weeks	1-B		
E & M	3AG01	32 Pin	12 NO+12 NC	220 V	PTD4007015972	1	Set	60,206	4 Weeks	1-B		
E & M	3AG01	32 Pin	12 NO+12 NC	24 V	PTD4007015973	1	Set	60,206	4 Weeks	1-B		
E & M	3AG01	32 Pin	12 NO+12 NC	48 V	PTD4007015974	1	Set	60,206	4 Weeks	1-B		
E & M	3AG01	32 Pin	6 NO+6 NC	110 V	PTD4007015975	1	Set	56,660	4 Weeks	1-B		
E & M	3AG01	32 Pin	6 NO+6 NC	220 V	PTD4007015976	1	Set	56,660	4 Weeks	1-B		
E & M	3AG01	32 Pin	6 NO+6 NC	24 V	PTD4007015977	1	Set	56,660	4 Weeks	1-B		
E & M	3AG01	32 Pin	6 NO+6 NC	48 V	PTD4007015978	1	Set	56,660	4 Weeks	1-B		
E & M	3AG01	64 Pin	12 NO+12 NC	110 V	PTD4007015979	1	Set	64,051	4 Weeks	1-B		
E & M	3AG01	64 Pin	12 NO+12 NC	220 V	PTD4007015980	1	Set	64,051	4 Weeks	1-B		
E & M	3AG01	64 Pin	12 NO+12 NC	24 V	PTD4007015981	1	Set	64,051	4 Weeks	1-B		
E & M	3AG01	64 Pin	12 NO+12 NC	48 V	PTD4007015982	1	Set	64,051	4 Weeks	1-B		
E & M	3AG01	64 Pin	6 NO+6 NC	110 V	PTD4007015983	1	Set	60,504	4 Weeks	1-B		
E & M	3AG01	64 Pin	6 NO+6 NC	220 V	PTD4007015984	1	Set	60,504	4 Weeks	1-B		
E & M	3AG01	64 Pin	6 NO+6 NC	24 V	PTD4007015985	1	Set	60,504	4 Weeks	1-B		
E & M	3AG01	64 Pin	6 NO+6 NC	48 V	PTD4007015986	1	Set	60,504	4 Weeks	1-B		



## Electrical & Maintenance Kit

Figure 1-B

			
<b>Motor – 1x</b>	<b>Aux Contactor – 1x</b>	<b>Limit Snap Switch – 5x</b>	<b>Securing Elements – 1pack</b>
			
<b>Closing Coil -1x</b>	<b>Oil -500gm</b>	<b>Rectifier – 1x</b>	<b>Aux Switch– 1x</b>
			
<b>Tripping Coil – 1x</b>	<b>Grease -500gm</b>	<b>Aux Switch 4 NO + 4 NC – 1x</b>	<b>Pin Plug Assembly – 1x</b>




**Electrical & Maintenance Kit for 3AF01 - Breaker**

Kit	Breaker	Connector	Aux. Switch	Aux. Voltage	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
E & M	3AF01	32 Pin	12 NO+12 NC	110 V	PTD4007016019	1	Set	60,613	4 Weeks	1-A		
E & M	3AF01	32 Pin	12 NO+12 NC	220 V	PTD4007016020	1	Set	60,613	4 Weeks	1-A		
E & M	3AF01	32 Pin	12 NO+12 NC	24 V	PTD4007016021	1	Set	60,613	4 Weeks	1-A		
E & M	3AF01	32 Pin	12 NO+12 NC	48 V	PTD4007016022	1	Set	60,613	4 Weeks	1-A		
E & M	3AF01	32 Pin	6 NO+6 NC	110 V	PTD4007016023	1	Set	57,066	4 Weeks	1-A		
E & M	3AF01	32 Pin	6 NO+6 NC	220 V	PTD4007016024	1	Set	57,066	4 Weeks	1-A		
E & M	3AF01	32 Pin	6 NO+6 NC	24 V	PTD4007016025	1	Set	57,066	4 Weeks	1-A		
E & M	3AF01	32 Pin	6 NO+6 NC	48 V	PTD4007016026	1	Set	57,066	4 Weeks	1-A		
E & M	3AF01	64 Pin	12 NO+12 NC	110 V	PTD4007016027	1	Set	64,457	4 Weeks	1-A		
E & M	3AF01	64 Pin	12 NO+12 NC	220 V	PTD4007016028	1	Set	64,457	4 Weeks	1-A		
E & M	3AF01	64 Pin	12 NO+12 NC	24 V	PTD4007016029	1	Set	64,457	4 Weeks	1-A		
E & M	3AF01	64 Pin	12 NO+12 NC	48 V	PTD4007016030	1	Set	64,457	4 Weeks	1-A		
E & M	3AF01	64 Pin	6 NO+6 NC	110 V	PTD4007016031	1	Set	60,911	4 Weeks	1-A		
E & M	3AF01	64 Pin	6 NO+6 NC	220 V	PTD4007016032	1	Set	60,911	4 Weeks	1-A		
E & M	3AF01	64 Pin	6 NO+6 NC	24 V	PTD4007016033	1	Set	60,911	4 Weeks	1-A		
E & M	3AF01	64 Pin	6 NO+6 NC	48 V	PTD4007016034	1	Set	60,911	4 Weeks	1-A		

# Electrical & Maintenance Kit

Figure 1-A

			
Motor – 1x	Aux Contactor – 1x	Limit Snap Switch – 5x	Securing Elements – 1pack
			
Closing Coil -1x	Oil -500gm	Rectifier – 1x	Aux Switch– 1x
			
Tripping Coil – 1x	Grease -500gm	Aux Switch 4 NO + 4 NC – 1x	Pin Plug Assembly – 1x

Strategic Spares Parts Kits for 3AG01 & 3AF01 - Breaker

Kit	Breaker	KV	KA	A	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
Pole Kit	3AF01	36	25	1600	PTD4007016099	1	Set	110,000	14 weeks	2-H		
Pole Kit	3AF01	36	25	2000	PTD4007016100	1	Set	110,000	14 weeks	2-H		
Mechanism Kit	3AF01	36	25	1600	PTD4007016169	1	Set	74,957	14 weeks	3-H		
Mechanism Kit	3AF01	36	25	2000	PTD4007016170	1	Set	74,957	14 weeks	3-H		
Mechanism Kit	3AG01	12	25	800	PTD4007016171	1	Set	61,381	14 weeks	3-G		
Mechanism Kit	3AG01	12	25	1600	PTD4007016172	1	Set	61,381	14 weeks	3-G		

**VCB Pole 3AF01**

**Figure 2-H**



**Complete VCB Pole -1X**

## Mechanism Kit 3AF01

## Figure 3- H



**Gearbox + Gasket – 1X**



**Operation Counter – 1X**



**Switch On Spring – 1X**



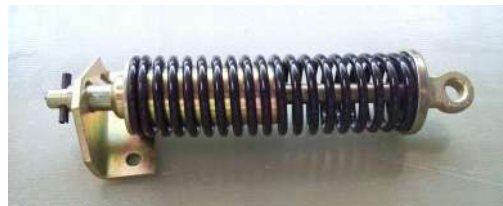
**Shock Absorber – 1X**



**Spring charging handle – 1X**



**Securing Elements – 1pack**



**Switch Off Spring – 1X**

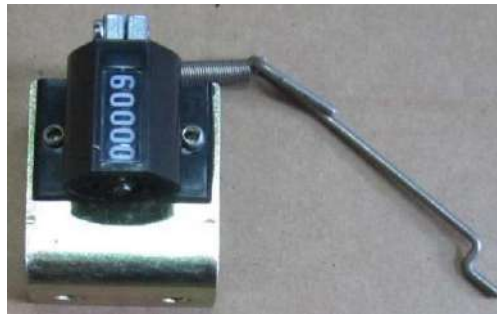


**VCB Mechanical Kit 3AG01**

**Figure 3-G**



**Gear Box assembly – 1x**



**Operation Counter – 1x**



**Shock Absorber – 1x**



**Switch on block – 1x**



**Switch off spring – 1x**



**Spring charging handle – 1x**



**Lock Washer Kit – 1x**

Strategic Spares Parts Kits for 8BK88 +

Kit	Panel	KV	KA	A	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
Panel Kit	8BK88 +	12		800	PTD4007016211	1	Set	55,294		6-JA		With Al Bushing
Panel Kit	8BK88 +	12		1250	PTD4007016213	1	Set	60,272		6-JA		With Al Bushing
Panel Kit	8BK88 +	12		1600	PTD4007016215	1	Set	87,285		6-JB		With Cu Bushing
Panel Kit	8BK88 +	12		800	PTD4007016134	1	Set	73,196		6-JB		With Cu Bushing
Panel Kit	8BK88 +	12		1250	PTD4007016135	1	Set	73,196		6-JB		With Cu Bushing
Panel Kit	8BK88 +	12		1250	PTD4007016217	1	Set	43,620		6-JC		Bushing for IVAC Panel

## Panel Spares Kit for 8BK88+ Panel, 12kV 800A & 1250 A (Al Bushing) Figure 6-JA



**Bushings Upper – 3x**



**Heater -1x**



**Insulator 3x**



**Bushings Lower – 3x**



**Thermostat -1x**

**Panel Spares Kit for 8BK88+ Panel, 12kV 800A/1250A /1600A (Cu Bushing) Figure 6-JB**



**Bushings Upper – 3x**



**Heater -1x**



**Insulator 3x**



**Bushings Lower – 3x**



**Thermostat -1x**

## Panel Spares Kit For 3AH0 12 KV IVAC Figure 6-JC



**Bushings Upper – 3x**



**Heater -1x**



**Bushings Lower – 3x**



**Thermostat -1x**



Strategic Spares Parts Kits for 8BK80 Old

Kit	Panel	KV	KA	A	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
Panel Kit	8BK80 600W	12	-	1250	PTD4007016209	1	Set	60,665	14 weeks	6-IA		
Panel Kit	8BK80 800W	12	-	1250	PTD4007016210	1	Set	61,969	14 weeks	6-IA		
Panel Kit	8BK80 800W	12	-	1600	PTD4007016212	1	Set	63,728	14 weeks	6-IA		
Panel Kit	8BK80 800W	12	-	2000	PTD4007016214	1	Set	63,728	14 weeks	6-IA		
Panel Kit	8BK80 800W	12	-	2500	PTD4007016216	1	Set	108,926	14 weeks	6-IA		
Panel Kit	8BK80 800W	12	-	3150	PTD4007016218	1	Set	108,926	14 weeks	6-IA		
Panel Kit	8BK80	24	-	1250	PTD4007016219	1	Set	61,959	14 weeks	6-IA		
Panel Kit	8BK80	24	-	2000	PTD4007016220	1	Set	63,718	14 weeks	6-IA		
Panel Kit	8BK80	36	-	1250	PTD4007016221	1	Set	112,657	14 weeks	6-IB		
Panel Kit	8BK80	36	-	2000	PTD4007016222	1	Set	112,657	14 weeks	6-IB		
Panel Kit	8BK80	36	-	2500	PTD4007016223	1	Set	112,657	14 weeks	6-IB		

## Panel Spares Kit for 8BK80 (Old) Panel, 12kV / 24kV

Figure 6-IA



Bushings – 6x



Guide Plate – 6x



Fixed Contact -6X



Insulator – 3x



Door Handle – 1x



Pep Rivet – 1 pack



Heater -1x



Thermostat -1x

## Panel Spares Kit for 8BK80 (Old) Panel, 36kV

Figure 6-IB



**Bushings – 6x ( Either One )**



**Insulator – 3x**



**Door Handle – 1x**



**Bushing Cover Upper / Lower – 3x each**



**Heater -1x**



**Thermostat -1x**



**Rivet – 1 PACK**

Strategic Spares Parts Kits for 3TL8 & GIS

Kit	Product	Operating voltages for solenoid	Operating voltages for mechanical closing latching	Ordering Code	MOQ	Unit	Unit Rate LP'17 (in INR)	Delivery Period	Figure	Annexure	Remark
Electrical Kit	3TL8	110 V DC	110 V DC	PTD4007016224	1	Set	190,716	14 weeks	1-E		
Electrical Kit	3TL8	220 -250 V DC	220 -250 V DC	PTD4007016225	1	Set	190,716	14 weeks	1-E		
Electrical Kit	3TL8	110 V AC	110 V AC	PTD4007016226	1	Set	190,716	14 weeks	1-E		
Electrical Kit	3TL8	220 -240 V AC	220 -240 V AC	PTD4007016227	1	Set	190,716	14 weeks	1-E		
Vaccum Interrupter Kit	3TL8	-	-	PTD4007016228	1	Set	223,233	14 weeks	2-M		
Maintenance Kit With recommended spares	8DA10	-	-	PTD4007016229	1	Set	1,102,753	14 weeks		10-K	
Maintenance Kit With recommended spares	8DB10	-	-	PTD4007016230	1	Set	1,257,203	14 weeks		10-L	
Recoomened Spares after 30,000 & 90,000 operations	3AH4	-	-	PTD4007016271	1	Set	On Request	14 weeks		10-N	
Recoomened Spares after 60,000 operations	3AH4	-	-	PTD4007016272	1	Set	On Request	14 weeks		10-N	

### 3TL8 Electrical Kit

### Figure 1-E



**Auxiliary contact block Top – 1x**



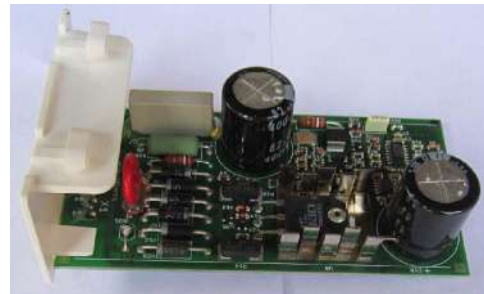
**Auxiliary contact block Bottom – 1x**



**Solenoid – 2x**



**Mechanical Closing Latching – 1x**



**Electronic module – 1x**



**Rectifier – 1x**

### 3TL8 Vacuum Interrupter Kit

### Figure 2-M





# Annexure 10-K Maintenance package for 8DA10 GIS (With recommended spares)

Sr. No.	Item Description	QTY	UoM
1	OPERATING SOLENOID3AY1510-5X	2	PC
2	AUXILIARY SWITCH	1	PC
3	POSITION SWITCH (WITHE) 3AX4206-0A	5	PC
4	SHUNT RELEASE 3AX1101-2X	1	PC
5	MOTOR 3AY1511-3X WITH INTEGR. VARISTOR	1	PC
6	CONTACTOR	1	PC
7	VOLTAGE DETECTOR LRM-ST LRM-SYSTEM (PLUGCABLE), FOR SWITCHGEAR W. CAPACITIVE VOLTAGE INDICATION	3	PC
8	CONTACT MANOMETER 50 kPa 2 contacts with Adapter system plug 4-pole	1	PC
9	CONTACT MANOMETER 70 kPa 2 contacts with Adapter system plug 4-pole	1	PC
10	CONTACT MANOMETER 120 kPa 2 contacts with Adapter system plug 4-pole	1	PC
11	HEATER FOR CB-DRIVE 3AH49	1	PC
12	MAINTENANCE PACKAGE 8DA For bus bar (up to 4 panel) 8DA1000-0WA00	1	PC
13	MAINTENANCE PACKAGE 8DA For CB & disconnecter housing 8DA1000-0WB00	1	PC
14	MAINTENANCE PACKAGE 8DA For gas isolated voltage transformer <=24KV 8DA1000-0WL00	3	PC
15	MAINTENANCE PACKAGE 8DA For gas isolated voltage transformer 36KV 8DA1000-0WL10	1	PC
16	MAINTENANCE PACKAGE 8DA For gas monitoring 8DA1000-0WN00	1	PC
17	MAINTENANCE PACKAGE 8DA lubricant - aids (up to 10 panel) 8DA1000-0WM00	1	PC
18	CONSUMABLES KIT 8DA/B CB DRIVE MECHANISM 3AY9055	1	PC

## Annexure 10-L Maintenance package for 8DB10 GIS (With recommended spares)

Sr. No.	Item Description	QTY	UoM
1	OPERATING SOLENOID 3AY1510-5X	2	PC
2	AUXILIARY SWITCH 12NO + 12NC , 3SV9274-2AA0	1	PC
3	POSITION SWITCH (WITHE) 3AX4206-0A	5	PC
4	SHUNT RELEASE 3AX1101-2X	1	PC
5	MOTOR 3AY1511-3X WITH INTEGR. VARISTOR	1	PC
6	CONTACTOR	1	PC
7	VOLTAGE DETECTOR LRM-ST LRM-SYSTEM (PLUGCABLE), FOR SWITCHGEAR W. CAPACITIVE VOLTAGE INDICATION	3	PC
8	CONTACT MANOMETER 50 kPa 2 contacts with Adapter system plug 4-pole	1	PC
9	CONTACT MANOMETER 70 kPa 2 contacts with Adapter system plug 4-pole	1	PC
10	CONTACT MANOMETER 120 kPa 2 contacts with Adapter system plug 4-pole	1	PC
11	HEATER FOR CB-DRIVE 3AH49	1	PC
12	MAINTENANCE PACKAGE 8DB For bus bar (up to 4 panel) 8DB1000-0WA00	1	PC
13	MAINTENANCE PACKAGE 8DB For CB housing 8DB1000-0WB00	1	PC
14	MAINTENANCE PACKAGE 8DB For disconnecter housing 8DB1000-0WJ00	1	PC
15	MAINTENANCE PACKAGE 8DB For gas isolated voltage transformer <=24KV 8DB1000-0WL00	1	PC
16	MAINTENANCE PACKAGE 8DB For gas isolated voltage transformer 36KV 8DB1000-0WL10	1	PC
17	MAINTENANCE PACKAGE 8DB For gas monitoring 8DB1000-0WN00	1	PC
18	MAINTENANCE PACKAGE 8DB lubricant - aids (up to 10 panel) 8DB1000-0WM00	1	PC
19	CONSUMABLES KIT 8DA/B CB DRIVE MECHANISM 3AY9055	1	PC

## Annexure: 10-N

### Replacement parts after 30,000 or 90,000 operating cycles

Sr. No.	Item Description	QTY	UOM
1	Operating rod	3	PC
2	Bolt for vacuum-tube	3	PC
3	Vacuum-tubes	3	PC
4	Closing-spring	1	PC
5	Bolt for closing-spring	1	PC
6	Motor	1	PC
7	Clamp d:27 mm with sleeve	3	PC
8	Securing elements	1	PC
9	Closing-solenoid	1	PC
10	Opening-solenoid	1	PC
11	Auxiliary-switch 12NO/12NC	1	PC
12	Position-switch white	10	PC
13	Under voltage-release	1	PC
14	Shunt-release	1	PC
15	Chain for double operation lock out	1	PC

### Replacement parts after 60,000 operating cycles

Sr. No.	Item Description	QTY	UOM
1	Operating rod	3	PC
2	Bolt for vacuum-tube	3	PC
3	Vacuum-tubes	3	PC
4	Closing-spring	1	PC
5	Bolt for closing-spring	1	PC
6	Motor	1	PC
7	Closing-solenoid	1	PC
8	Opening-solenoid	1	PC
9	Under voltage-release	1	PC
10	Shunt-release	1	PC
11	Auxiliary-switch 12NO/12NC	1	PC
12	Lever for auxiliary-switch	1	PC
13	Chain for double operation lock out	1	PC
14	Securing elements	1	PC
15	Position-switch white	10	PC
16	Damper	1	PC
17	Angled lever	3	PC
18	Bolt for angled lever	3	PC
19	Steering plate	6	PC
20	Bolt for steering plate	3	PC
21	Flexible copper connection	3	PC