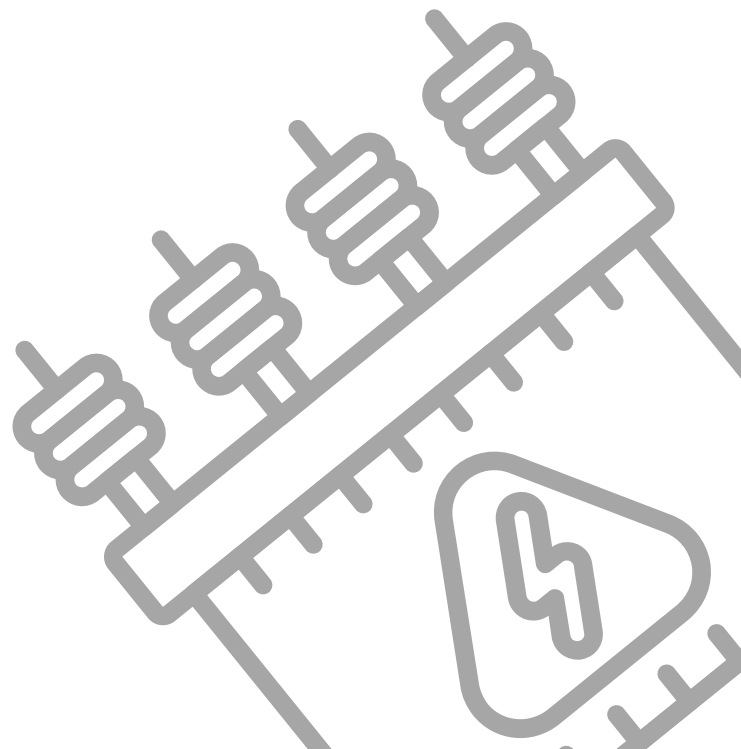




**Power System
Services**



MV SPARES

suitable for 8BK88+ Panel Type
3AH0 12kV 26.3kA 800A to 1600A








Electrical Components commonly used in 3AH0 12kV

Description of products	Remarks Resistance at 20 Degree C	Snap of Products
Closing / Tripping Coil: Rating - 24V to 250V DC (3AY1510)	OHM (as per requirement)	 Closing / Tripping Coil
Spring Charging: Motor - 220V (3AY1611-0F)	220V DC	
Motor - 110V DC / V AC (3AY1611-0E)	110V DC	
2ND SHUNT REL 24V to 220V DC S.NO.	3AX1101	 
2ND SHUNT REL 100-110V AC 50Hz	3AX1101	
2ND SHUNT REL 230V AC 50Hz	3AX1101	



Sr. No.	Product Descriptions	Rating	Images
1	CT OPERAT. RELEASE 0.5A	3AX1102	
2	Under Voltage Coil24V to 220V DC	3AX1103	
3	U/V REL 100V to 230V AC 50HZ	3AX1103	
4	Limit (Snap) switch	Minimum Order Qty of 5 Nos.	
5	Auxiliary switch 6NO+6NC (3SV92 74)	Installation At Switch Off Block	
6	Auxiliary switch12NO+12NC (3SV92 74)		
7	Test / Service Position switch (4NO+4NC)	Installation at Drive Box	



Description of Antipumping Contactor	Remarks	Snapshots of Products
Anti-pumping contactor, 2NO+2NC - 24V to 220V DC	Installation near Switch Off Block	
Rectifier		
Male Pin for 64 Assembly		
Female Pin for 64 Assembly		
64 Plug Pin Assembly		
24 / 32 Plug Pin Assembly		



VCB Pole Spares 3AH0 12kV 26.3 kA 800 / 1250 / 1600 AMP for one VCB

Sr. No.	Product Descriptions	Rating	Images
1	Vacuum Interrupter VS 12025 GB	800 to 1600Amp	
2	Housing with Nut plate	800 to 1250Amp	
3	Housing with Nut plate	1600 Amp	
4	Switch Off Spring (RED)	800 to 1250 Amp	
5	Upper ContactArms	800 Amp	
6	Upper ContactArms	1250 Amp	
7	Lower Contact Arms	800Amp	
8	Lower Contact Arms	1250 Amp	
9	Upper Contact Arms	1600 Amp	
10.	Lower Contact Arms		
10	Tube Support	800 to 1600 Amp	










Sr. No.	Product Descriptions	Rating	Images
11.	Current Link	800 to 1250 Amp	
12	Current Link	1600 Amp	
13	Insulating Stud	800 to 1600 Amp	
14	Switching Bar Assembly	800 to 1600 Amp	
15	Lever 25 KA	800 to 1600Amp	
16	Bracket 25 KA	800 to 1600 Amp	
17	Pole Cover	800 to 1600 Amp	





VCB Mechanism Spares For 3AH0 12kV 26.3 kA

Sr. No.	Product Descriptions	Rating	Images
1	Gear Box	All	
2	Switch Off Block	All	
3	Shock Absorber D3	All	
4	Switch ON Spring (Red) No ANGLE FEZN 3AH5	All	
5	Tie Rod (3AH5)	All	
6	Operation Counter	All	
7	Mechanical Interlock	All	




Sr. No.	Product Descriptions	Rating	Images
8	Complete Switching shaft with bearing + Bearing	All	
9	Spring charging handle	All	
10	Damping Plate Assembly	All	
11	Drive Box 600mm	All	
12	Securing Elements 1 Packet	All	
13	Double bit key	All	
14	Rack in – Rack out handle	All	



Sr. No.	Product Descriptions		Images
1	Upper Bushing Assembly L1, L2, L3		
	Upper Bushing Assembly L1, L2, L3 New design Dia 27	1250 Amp	
	Upper Bushing Assembly L1, L2, L3	1600 Amp	
2	Lower Bushing For 12 kV	1250 Amp	
3	Lower Bushing For 12 kV (HTCT)	1250 Amp	
4	Upper Bushing Assembly 30 DIA AL (L1, L2, L3 PHASE) Upper Bushing Assembly 40 DIA AL (L1, L2, L3 PHASE)	800 to 1250 Amp	



Sr.	Description	Rating	Images
1	CT Bushing Assembly CT Bushing -1, 2, 3 Assembly	1250 to 1600 Amp	
2	Insulator Dia 61 X 130 mm Length	800 to 1600 Amp	
3	Space Heater	800 to 1600 Amp	
4	Thermostate	800 to 1600 Amp	
5	HYGROSTAT 8MR2170-4E (Optional) Hygrotherm	800 to 1600 Amp	
6	Local Remote Switch (Kaycee / Switron) Lockable / Non Lockable option	800 to 1600 Amp	
7	Breaker Control Switch (Kaycee / Switron) Lockable / Non Lockable option	800 to 1600 Amp	
8	Shroud	Upto 1600 Amp	



Electrical & Maintenance Kit 1-B

			
Motor – 1X	Aux Contactor – 1X	Limit Snap Switch – 5X	Securing Elements– 1 pack
			
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



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	Switch off Spring – 2X









VCB Pole Kit 3AH0 1600A Figure: 2-CB




		
Vacuum Interrupter VS 12025GB – 1X	Current Strip– 1X	Insulating Stud – 1X
		
Bracket – 1X	Upper ContArm Assy. 1600A– 1X	Lower Cont Arm Assly.1600A – 1X
		
Tube Support – 1X	Vacuum Interrupter Housing – 1X	Switch off Spring – 2X



VCB Mechanism Kit 3AH0 Figure: 3C

		
Switch on Spring- 1X	Counter - 1X	Shock Absorber - 1X
		
Switch off Block Assembly - 1X	Pole Cover- 1X	Gear Box Assembly - 1X
		
Securing Element- 1 pack	Dampening Plate Assembly - 1X	

VCB Rack in Mechanism Kit Figure: 5C

	
Drive Box – 1X	
	
Rack in – Rack out Handle – 1X	Double Bit Key – 1X