

▷ VCB (Vacuum Circuit Breaker)

- It provides a product with an intergrated technology, qualified atomic energy and various voltage ranges.
- It is a product incorporated with an accumulated vacuum technology, operating device design and insulation design.
- It is developed conloming to IEC international standards as well as IEEE (ANSI)
- It is a product that can be used at various voltage settings including 7.2kV, 17.5kV 24/25.8kV, 4.76kV, 8.25kV, 12/15kV, 27kV and 36/38kV.



Rated Voltage kV	Type	Rated Breaking Capacity MVA	Frequency Hz	Insulation Class		Current				Operation Time			Rated Operating Seq.	Auxiliary Contact	Weight (Body of Draw-out Type) kg	certification & Applied Standards	Operation & control														
				Withstand Voltage	Power Frequency kVrms	Impulse kV/1.2/50µs	Rated Current A	Rated Breaking Current kA	Rated Making Current kAp	Rated Short Time Withstand Current(3sec) kA	Opening Time sec.	Breaking Time Cycle					No-load Closing Time sec.	MOTOR-SPRING	Rated Making Operation current	Trip Mode & Control Voltage	Installing Method										
4.76	VVB□-4231M	260	50/60	19	60	2000	31.5	82	31.5	0.03	3	0.05	0-0.3s-CO-3m-CO	4NO 4NC	120	IEEE C37.09	MOTOR-SPRING Method	Closing control current 5A or below	Rated Standard control voltage DC110V DC110V	Item of □ type N : Fixed Type E : Draw-Out Type F : Shutter Type G : Bushing Type											
	VVB□-0740BS	100				400	8	20.8	8																						
	VVB□-07612S	160				630	12.5	32.5	12.5																						
7.2	VVB□-07620S	250	60	20	60	630	20	52	20	0.03	3	0.05	0-0.3s-CO-3m-CO	4NO 4NC	98	Exempted from official certification tests, IEC62271-100															
	VVB□-07120S					1250																									
	VVB□-07625S					630																									
	VVB□-07125S	320				1250	25	65	25						0.05						CO-15s-CO	6NO 6NC	102								
	VVB□-07225S					2000																									
	VVB□-6140M					1200/1250																									
	VVB□-6240M	500				2000	31.5/40	104	40(2sec)														0.03	3	0.05	0-0.3s-CO-3m-CO	4NO 4NC	270	Exempted from official certification tests, IEC62271-100 ES-5925-0001		
	VVB□-6340M					3000/3150																									
	VVB□-12625S	520				50/60	36	95	630																			25		65	25
VVB□-12125S	1250																														
VVB□-12225S	2000																														
15	VVA□-15625S	650	60	38	95				600	25	65	25	0.05	3		0.05	0-0.3s-CO-3m-CO	4NO 4NC	107	IEEE C37.09											
	VVA□-15125S								1200																						
	VVA□-15225S								2000																						
	KVA□-1140M	1050							1200	40	104	40			0.04				3		0.07	0-0.3s-CO-3m-CO						6NO 6NC		130	Exempted from official certification tests, IEC62271-100
	KVA□-1240M								2000																						
	VVA□-17625S								630																						
17.5	VVA□-17125S	757	50/60	38	95	1250	25	65	25	0.03	3	0.05	0-0.3s-CO-3m-CO	4NO 4NC		121	IEC 62271-100														
	VVA□-17225S					2000																									
	VVB□-2613M					520										60		50		125			630	12.5	32.5	12.5	0.04		3	0.05	
VVB□-2625M	630																														
VVB□-2125M	1250																														
24	VVB□-2225M	1040	1310	2000	31.5	82	31.5(1sec)	0.05	5	0.1	0.04	3	0.07	0-0.3s-CO-3m-CO	8NO 8NC		210		IEC60056												
	KVA□-2131M																1250														
	KVA□-2231M	2000																													
	VVB□-2256M	1120															50/60				80	125	630	25	65	25		0.05			3
VVB□-2251M	1250																														
VVB□-2252M	2000																														
25.8	KVA□-2140M	1800	1800	125	1250	40	104	40	0.05	5	0.1	0.05	0-0.3s-CO-3m-CO, CO-15s-CO	8NO 8NC	290	IEC60056															
	KVA□-2240M				2000																										
	KVA□-2340M	3150																													
	KVA□-3131M	1200																													
36/38	KVA□-3231M	2070	50/60	80	170 (200)	2000	31.5	82	31.5	0.04	3	0.1	0-0.3s-CO-3m-CO, CO-15s-CO	8NO 8NC	530	IEC60056 IEEE C37.09															
	VVA□-38140M					1200																									
38	VVA□-38240M	2630	50/60	80	170 (200)	2000	40	104	40	0.04	3	0.05	0-0.3s-CO-3m-CO	4NO 4NC	550	IEC60056 IEEE C37.09															
	VVA□-38340M					3000																									
	KVAX-2625M					1120									60		60	150	600	25	63	25	0.05	5	0.1	0-0.3s-CO-3m-CO, CO-15s-CO	10NO 10NC	1000	IEC62271-100 IEEE C37.09		
KVAX-2125M	1200																														
KVAX-2225M	2000																														
25.8 For Outdoors	VVBX-25640M	1800	60	60	150	600	40	104	40	0.05	5	0.1	0-0.3s-CO-3m-CO, CO-15s-CO	10NO 10NC		1750			Exempted from official certification tests, IEC60056 ES-5925-0001												
	VVBX-25140M					1200																									
	VVBX-25240M					2000																									
	VVBX-25340M					3000																									
	VVBX-25340M					3000																									