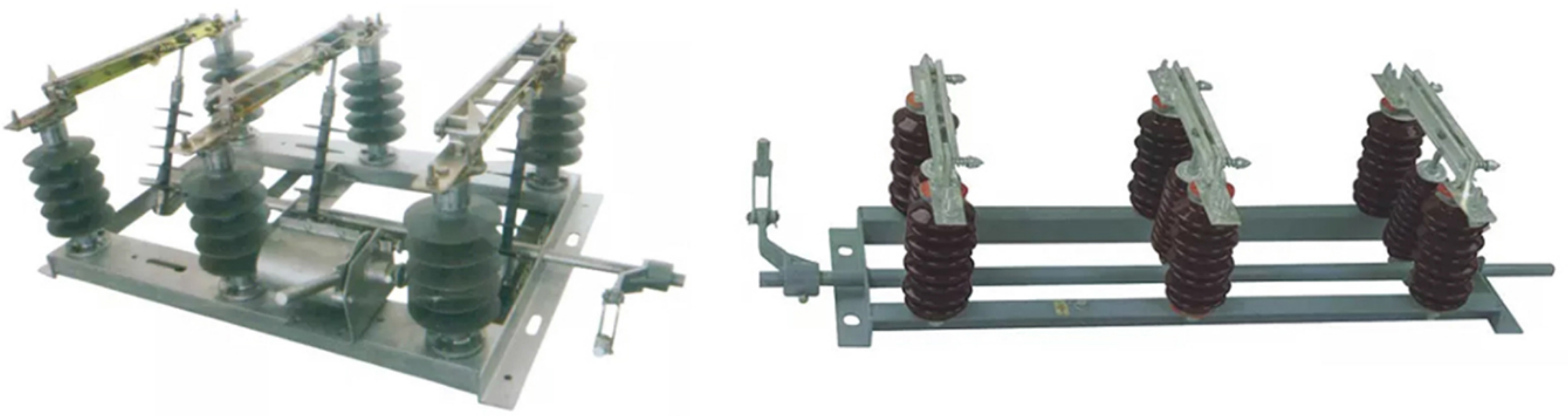


Outdoor High-voltage Switch Disconnecter

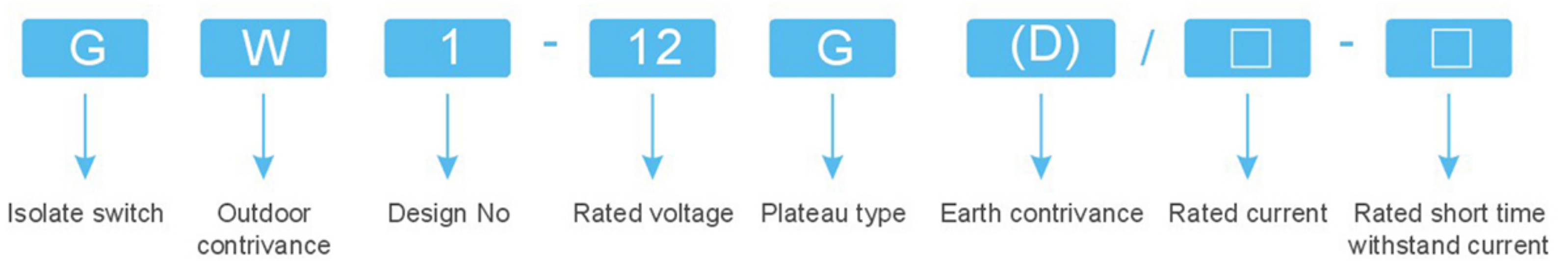
GW1-12G(D) Series Outdoor High Voltage Isolate Switch



• Environment of use

1. The altitude above sea level: 2000m.
2. The ambient air temperature: -40~40°C wind speed does not exceed 32m/s.
3. The earthquake intensity does not exceed 8 degrees.
4. The working situation is without frequent violent vibration.
5. The installation site of ordinary type isolator should be kept away from gas, smoke chemical deposition, salt-spray fog, dust and other explosive and corrosive matters that affect seriously insulation and conduction capability of the isolator.
6. Pollution-proof type isolator is applies to severe filthy conduction area, however, it shouldn't be any explosive matters and matters causing fire.

• Type and definition



• Scope use and feature

GW1-12G(D) series outdoor high voltage isolate switch is the high voltage switch equipment of composite structure, is suitable for outdoor 12KV line net with voltage and no load, to make opening and close. With CS□ type manpower operate machinery, can avoid earth line with power and composite flash-locks etc wrong operate. The operator is no need to put another earth line. Pollution-proof type isolate switch satisfy customer in filthy conduction area. It can solve the pollution of shed when it is working.

Outdoor High-voltage Switch Disconnecter

GW1 Series Outdoor HV Disconnecting Switch

• GW1 Main Technical parameters

Items		Units	Technical parameters			
Rated voltage		kV	10	15	20	
Max. operating voltage		kV	12	17.5	23	
Rated insulation level	1 min. Power frequency withstand voltage	To earth	kV	38	40	50
		Across open DS	kV	42	47	60
	Rated lightning impulse withstand voltage	To earth	kV	75	105	125
		Across open DS	kV	85	120	145
Rated frequency		Hz	50			
Rated current		A	200	400	630	1250
4s short time withstand current		kA	6.3	12.5	20	31.5
Peak withstand current		kA	16	31.5	50	80
Mechanism supplied for disconnecter			CS8-1、CS8-D、CD8-5 Rain type manual mechanism or CX6 motor drive mechanism			

• HGW1 Main Technical parameters

Items		Units	Technical parameters			
Rated voltage		kV	10	24	33	
Max. operating voltage		kV	12	27	35	
Rated insulation level	1 min. Power frequency withstand voltage	To earth	kV	40	50	80
		Across open DS	kV	47	60	90
	Rated lightning impulse withstand voltage	To earth	kV	105	125	180
		Across open DS	kV	120	145	210
Rated frequency		Hz	50			
Rated current		A	200	400	630	1250
4s short time withstand current		kA	6.3	12.5	20	31.5
Peak withstand current		kA	16	31.5	50	80
Mechanism supplied for disconnecter			CS8-1、CS8-D、CD8-5 Rain type manual mechanism or CX8-5 motor drive mechanism			