

Product Description:

HGW4 series AC high voltage disconnecter includes three single poles, each pole is of double column structure, which is mainly composed of base, post insulator and conductive part. Each pole has two insulating pillars, which are respectively installed on the bearing seats at both ends of the base and connected by cross connecting rods, which can rotate horizontally. The conductive knife switch is divided into two parts, which are respectively fixed on the post insulator, and the contact is in the middle of the two porcelain columns.

When the operating mechanism acts, one post of the post insulator is driven to rotate by 90 degrees, and the other insulating post is also rotated by 90 degrees due to the transmission of the connecting rod, so the knife switch is opened and closed to the same side. In order to ensure the correct operation sequence between the disconnecter and the grounding switch, a mechanical interlocking device is installed on the product or mechanism to ensure the sequential action of main opening and ground closing, ground opening and main closing.

Specifications:

10kv-20kv

| Type | Rated voltage kv | Rated current A | Dynamic stability current kV(Peak) | 10s thermal stability current kv(Peak) | Weight (kg) |
|------------------------|------------------|-----------------|------------------------------------|--|-------------|
| HGW4-10/400、630、1250 | 10 | 400、630、1250 | 30、40、65 | 15、20、25 | 25 |
| HGW4-10DW/400、630、1250 | 10 | 400、630、1250 | 30、40、65 | 15、20、25 | 25 |
| HGW4-15f400、630、1250 | 15 | 400、630、1250 | 30、40、65 | 15、20、25 | 30 |
| HGW4-15DW/400、630、1250 | 15 | 400、630、1250 | 30、40、65 | 15、20、25 | 30 |
| HGW4-20W/400、630、1250 | 20 | 400、630、1250 | 30、40、65 | 15、20、25 | 35 |
| HGW4-20DW/400、630、1250 | 20 | 400、630、1250 | 30、40、65 | 15、20、25 | 35 |

35kv-145kv

| Type | | HGN4-40.5 | HOGH4-72.5 | HGR4-126 | HG24-126G | HGN4-145 |
|--|----------------|-------------|------------------|----------|-----------|-------------------|
| Data | | | | | | |
| Rated voltage (kV) | | 40.5 | 72.5 | 126 | 126 | 145 |
| Rated current (A) | | 630 1250 | 630 1250 2000 | 630 1250 | 630 1250 | 1250 2000 2500 |
| Short time withstand current(rms) | | 20 31.5 | 31.5 | 20 31.5 | 20 31.5 | 20 31.5 |
| | | 40(46) | 40(46) | 40(46) | | 40(46) |
| Peak withstand current(peak) | | 50 80 | 50 80 | 50 80 | 50 60 | 50 80 |
| | | 100(104) | 100(104) | 100(104) | | 100(104) |
| Rated short-time power frequency withstand voltage(rms) kv | to each | 85 | 140 | 185 | 185 | 275 |
| | | | | -230 | | |
| | between breaks | 110 | 160 | 210 | 210 | 315 |
| | | | | -265 | | |
| Lightning impulse withstand voltage(peak)kv | to each | 185 | 325 | 450 | 450 | 650 |
| | | | | -550 | | |
| | between breaks | 215 | 375 | 520 | 550 | 750 |
| | | | | -630 | | |
| Horizontal force of terminal e | | 550 -750 | 735-750 | 1000 | 1000 | 1500 |
| weight of single pole (kg) | | 80 | 200 | 240 | 300 | 300 |