

VSP5 Vacuum Load Break Switch

Summary

VSP5 Outdoor or SF6 Insulation Vacuum Load Break Switch is a new product with Toshiba technical support. It's used in outdoor 12/24kV three phase AC 50/60HZ power system to open and close load current and short circuit current. IEC62271-103 & GB/T3804: 3.6kV~40.5kV High voltage AC load break switch, IEC60694 & GB/T11022: High voltage switch apparatus and control apparatus. It is applicable for protect and control distribution system in substation, industrial and especially for village electric net and frequent operation site.



Structure feature

1. High breaking capacity: vacuum arc extinguish, SF6 insulation, high arc extinguishing and insulation performance.
2. High security performance: arc-extinguishing, oil-free insulation medium; the anti-explosion device on the top of the box to avoid internal fault.
3. Free maintenance: the main circuit and operating mechanism is sealed inside the box.
4. An automatic interface can matched with current transformer which is different ratio.

Technical specification

No .	Item	Unit	Data	
1	Rated voltage	kV	12	24
2	Rated current	A	630	630
3	Rated short-time withstand current	kA	12.5,16,20	16,20,25
4	Rated short-circuit making current	kA	31.5,40,50	40,50,63
5	Electrical life	Times	1000	
6	Rated peak withstand current	kA	31.5,40,50,63	
7	Rated short-time withstand duration	kA/s	12.5,16,20,25/4	
8	Mechanical life	Times	10000	
9	Net weight	kg	145,160	
10	Rated power frequency	Hz	50/60	

Structure and picture



Incoming and outgoing cable



Incoming and outgoing bushing



Suitable for substation