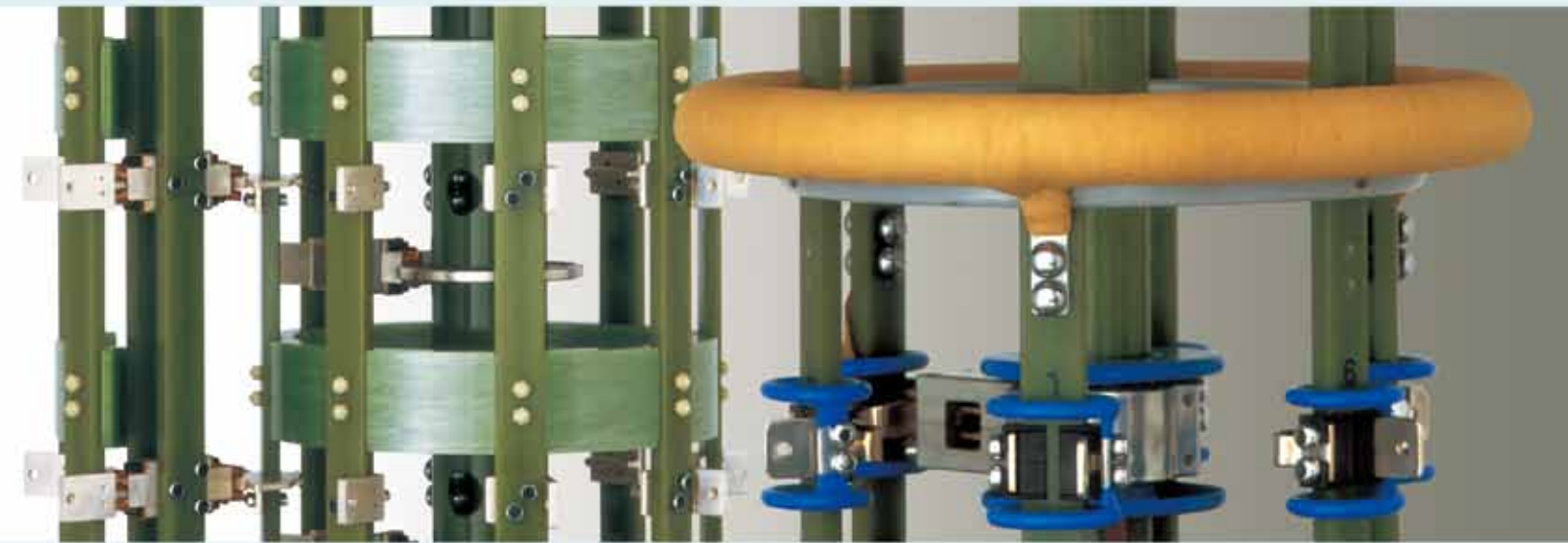




W□L OFF-CIRCUIT TAP CHANGER

HM 0.468.602-01.10/2012

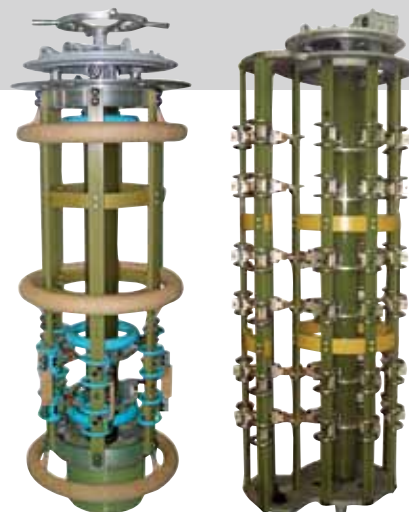


- Clamping contact structure, good heat dissipation, reliable contact, and strong ability to withstand short-circuit current.
- Adopt pultruded insulating bar of epoxy fiberglass as support structure, strong mechanical strength and is free of crack or deformation.

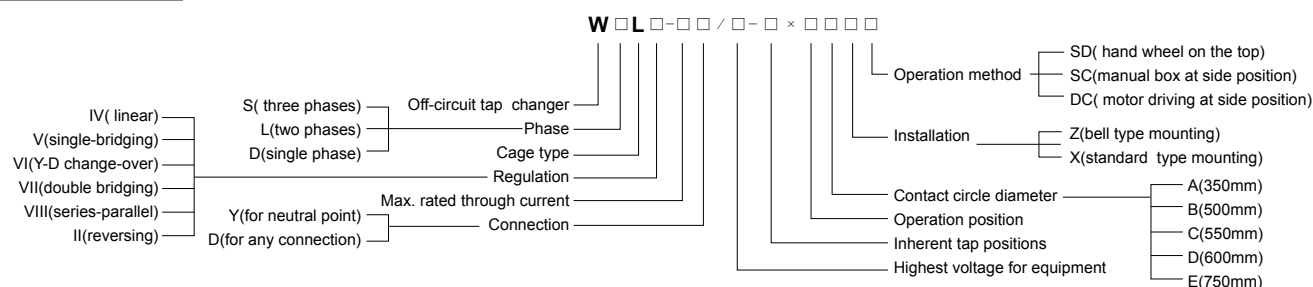
W□L OFF-CIRCUIT TAP CHANGER

General

Off-circuit tap changer W□L is constituted by a cage structure. The max. rated through current is categorized into 4000A for three phases, 4800A for two phases and 6000A for single phase. Its highest voltage for equipment ranges from 12kV to 363 kV. It is applicable to 50 or 60Hz single or three phases oil-immersed transformers in power, rectification, furnace, testing and traction, etc.



Designation



Technical Data

Type		W □ L											
1	Phases	WSL(three phase) / WLL(two phase) / WDL(Single phase)											
2	Max. rated through current (A)	WSL / WLL / WDL										WLL	WDL
		600	800	1000	1200	1600	2000	2400	3000	4000	4800	6000	
3	Short-circuit current test(kA)	Thermal (3s)	9	12	15	15	20	24	26	30	40	48	60
		Dynamic (peak)	22.5	30	37.5	37.5	50	60	65	75	100	120	150
4	Rated frequency (Hz)	50 or 60											
5	Insulation to ground (kV)	Highest voltage for equipment (Um)	WSL(three phase) / WLL(two phase) / WDL(Single phase)										
		Rated lightning impulse withstand voltage (kV,1.2/50μs)	12	72.5	126	145	170	252	300	363			
		Rated separate source AC withstand voltage (kV/50Hz,1min)	75	325	550	650	750	1050	1050	1175			
6	Contact circle diameter	A Type (Ø350mm)	B Type (Ø500mm)	C Type (Ø550mm)	D Type (Ø600mm)	E Type (Ø750mm)							
7	Weight (kg)	max:100	max:170	max:195	max:210	max:255							
8	Max.No.of operating positions*	5	5	11	11	11							
9	Operation method	Hand wheel on the top			Manual driving at side operation			Motor driving at side operation					
10	Mechanical life (times)	>20,000			>20,000			>20,000					

Remark: Design of 34 positions of reversing is available, other special requirements upon request.