

6.使用注意事项

- 6.1 使用环境温度：空气中-25℃~40℃，油中-25℃~105℃
- 6.2 安装场所应无爆炸与腐蚀性气体。
- 6.3 分接开关组装机前，一定要检查分接开关是否符合变压器型号要求，以免造成不应有的损失
- 6.4 分接开关端子引线不得使分接开关受力变形，且引线及运动部件留有足够的运行间隙，（一般为10mm）以免运动阻滞。
- 6.5 本开关最高干燥温度为105±5℃。干燥后，若接触电阻偏大，应将分接开关来回运转几次。检查各部位的螺栓是否松动,并将其紧固。
- 6.6 当开关在极限档位时，严禁向极限方向用力扳动手柄。
- 6.7 组装机切换前应在分接开关的分接位置上转换3~5次，分接开关在完成分接调整后，**必须将定位螺钉旋入法兰盘定位孔内。**

Notes:

- 6.1 Use of environment temperature: in air -25℃~40℃, in oil -25℃~105℃
- 6.2 Installation places should not be explosive and corrosive gases.
- 6.3 Before assembling the tapping switch, must check up whether the tapping switch conforms to the type specification of the transformer in order to avoid causing the loss that should not occur.
- 6.4 The leading wire of the terminal of the tapping switch mustn't make the Tapping switch deformed because of stressing and the leading wire and the moving part should have enough moving space (usually 10mm) in order to avoid movement hindered.
- 6.5 The maximum drying temperature of this switch is 105±5℃, if after drying, If the contact resistance is too large, should be running tap back several times. check all the screws whether it is loose or not, and then fix it tightly
- 6.6 When the switch is in the maximum gear position, strictly forbid wrenching the handle to the limit direction.
- 6.7 Before assembling and switching should make 3~5 times of transfer on the tapping position of the tapping switch, when the tapping has completed the regulating transfer, the transfer handle must be put into the flange locating slot.



WSL II₄系列无励磁分接开关

OFF-CIRCUIT TRAY-FORM TAP-CHANGE

安装使用说明书

OPERATION INSTRUCTION

辽宁金立电力电器有限公司

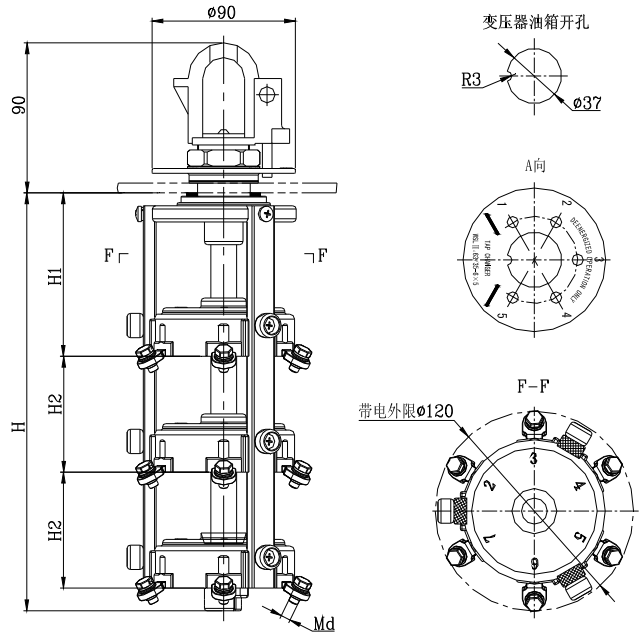
LIAO NING JIN LI ELECTRIC POWER
EQUIPMENT CO.LTD

1. 用途及使用范围

本开关是用于组合变压器（或电力变压器）在无励磁条件下的分接调换装置。该分接开关适用于额定电压 10kV~35kV, 额定电流 63A~125A 及以下的三相油浸式变压器，操作分接开关时，必须在变压器无励磁状态下进行分接调换。

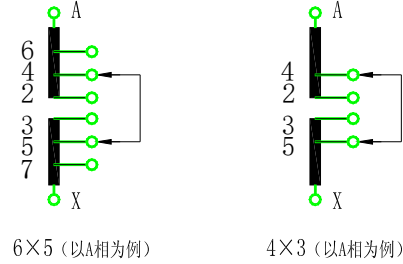
The switch is the tapping regulating and changing equipment of the combined transformer (power transformer) under the condition of non excitation. It's applicable to the three phase oil-immersed transformer with the rated voltage 10kV~35kV, rated current 63A~125A or less. Only under non-excitation condition, can the switch be operates.

2. 外形、安装尺寸图 Outline and installation size diagram



开关型号 Type of tap change	H	H1	H2	Md
WSL II 4 63/10-4×3, 6×5	255	105	65	M6
WSL II 4 125/10-4×3, 6×5				M8
WSL II 4 63/20-4×3, 6×5	345	120	100	M6
WSL II 4 125/20-4×3, 6×5				M8
WSL II 4 63/35-4×3, 6×5	380	135	110	M6
WSL II 4 125/35-4×3, 6×5				M8

3. 开关接线方式 a way of connecting a wire



4. 开关主要技术参数 The mainly parameter of the switch

注：在绝缘强度 35kV 变压器油中

Note : Use in the insulating strength 35KV transformer

额定电压 KV Rated voltage	调压部位 Voltage regulation position	接触电阻 $\mu\Omega$ Contact resistance	工频耐受电压 Imin Power-frequency withstand voltage		
			对地 To earth	相间 Inter-phase	触头间 Inter-contact
10	Central 中部	$\leq 350\mu\Omega$	42	42	18
20			55	55	20
35			95	95	30

5. 安装方法:

拆下手柄中间的 M5 螺钉，依次卸下手柄、圆螺母、垫圈、档位盘，然后将分接开关从箱盖下装入 $\phi 37$ 的孔内，再将档位盘、垫圈、圆螺母、手柄依次装上去，固定好 M5 螺钉。（注意：密封胶圈在变压器箱盖的下方）

installation:

Remove the M5 bolt in the middle of the handle, then pull down the handle, round nut, gasket, gear one by one. put the switch into the $\phi 37$ holes on the tank cover. Then fit on the gear, gasket, round nut, handle, fixed the M5 bolt. (Notice: gasket is under the tank cover of transformer)