



LW62S-252 高压交流瓷柱式断路器 LW62S-252 HV AC live tank circuit breaker

LW62S-252高压交流瓷柱式断路器设计制造符合IEC62271-1和IEC 62271-100及相关标准的要求，采用自能式灭弧室，三机械联动操作，具有操作功小，操作方便，可靠性高，噪音低等优点，是我公司研发的新一代高压交流断路器产品。

LW62S-252 high voltage AC live tank circuit breaker is designed and manufactured in accordance with the requirements of IEC 62271-1 and IEC 62271-100 and relevant standards. It equips withadopts self-energized self energy arc extinguishing chamber and three-phase mechanical linkage mechanism, with operation. It has the advantages of small less operating forceon, convenient operation, high reliability and low noise. It is a new generation of high -voltage AC circuit breaker developed by our company.



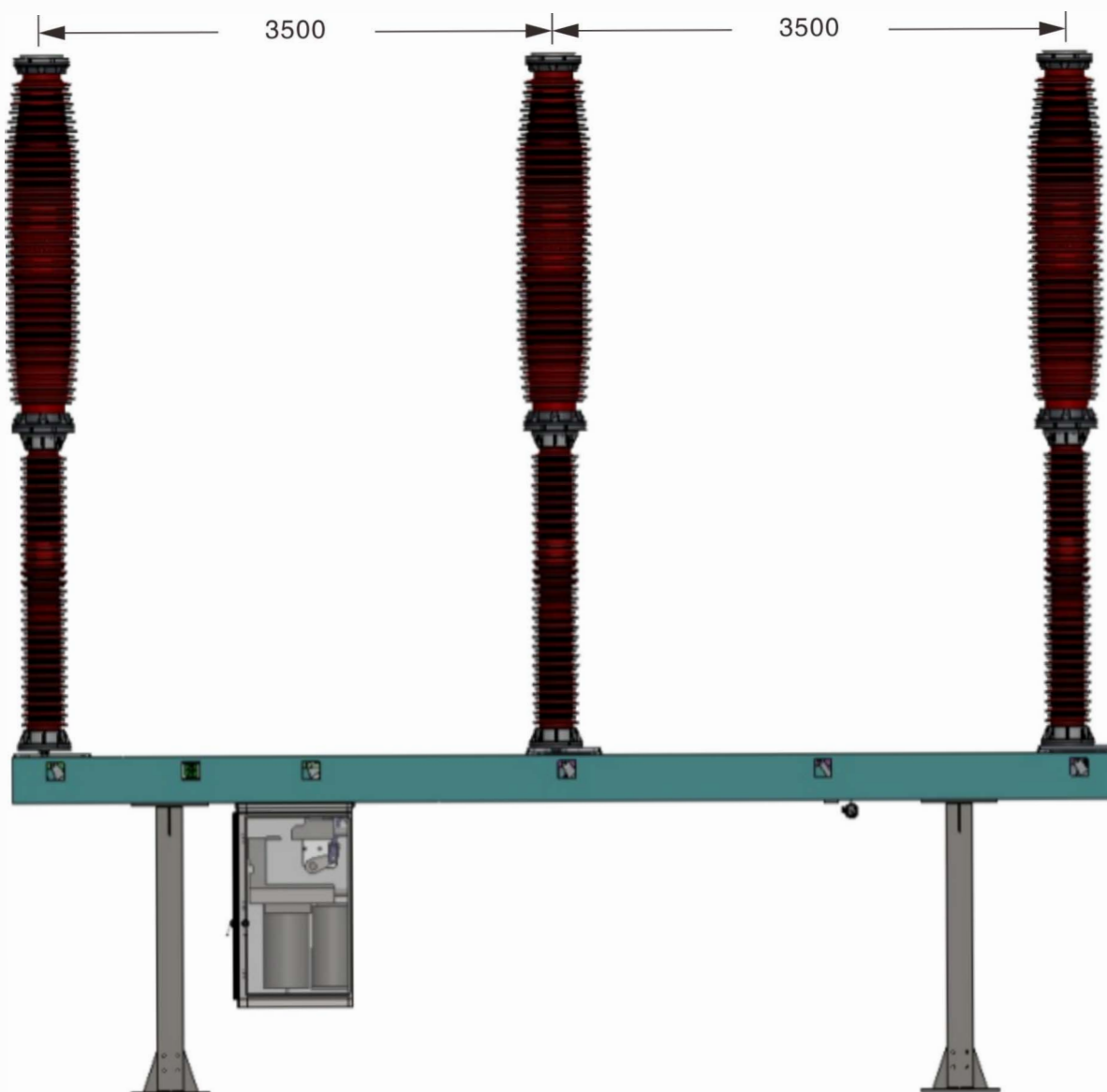
★ 环境条件

- 使用地点：户外
- 风压：≤ 700Pa
- 环境温度：-30℃ ~ +40℃
- 海拔高度：≤ 1000m
- 污秽等级：IV

★ Service Conditions

- Location: Outdoor
- Wind pressure: ≤ 700Pa
- Ambient temperature: -30℃ ~ +40℃
- Altitude: ≤ 1000m
- Pollution level: IV

LW62S-252 高压交流瓷柱式断路器外形图
Layout drawing of LW62S-252 HV AC live tank circuit breaker





主要技术参数 / Main Technical Parameters

序号 No.	项目 Item	单位 Unit	技术参数 Technical Data
1	额定电压 Rated voltage	kV	252
2	额定频率 Rated frequency	Hz	50/60
3	额定短时耐受电压 (有效值) Rated short-duration power frequency withstand (r.m.s)	对地 To earth	460
		断口 Across the isolating distance	530
4	额定雷电冲击耐受电压 (峰值250/2500 μ s) Rated lightning impulse withstand voltage (peak 250/2500 μ s)	对地 To earth	1050
		断口 Across the isolating distance	1050 (+200)
5	额定电流 Rated current	A	4000
6	额定短时耐受电流 (时间) Rated short-time withstand current	kA/s	50/3
7	额定峰值耐受电流 Rate peak withstand current	kA	125
8	机械寿命 Mechanicalsm endurance	次 time	10000
9	操作顺序 Operatingon sequence		O-0.3s-CO-180s-CO or O-0.3s- CO-15s-CO

主要技术参数 / Main Technical Parameters

序号 No.	项目 Item	单位 Unit	技术参数 Technical Data
SF ₆ 气体压力 (20°C) 参数 SF ₆ Gas Pressure (at 20°C)			
1	额定工作压力 Rated working pressure	MPa	0.6
2	补气报警压力 Replenishment Pre-filled gas alarming pressure	MPa	0.55
3	最低功能压力 Min. service gas pressure	MPa	0.52
机械特性参数 Mechanical Parameters			
1	分闸时间 Opening time	ms	20±3
2	合闸时间 Closing time	ms	70±10
3	合-分闸时间 C-O time	ms	≤60
4	分-合闸时间 O-C time	ms	≤300
5	分闸同期 Simultaneity of opening	ms	≤3
6	合闸同期 Simultaneity of closing	ms	≤5
7	全开断时间 Breaking time	ms	≤60

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