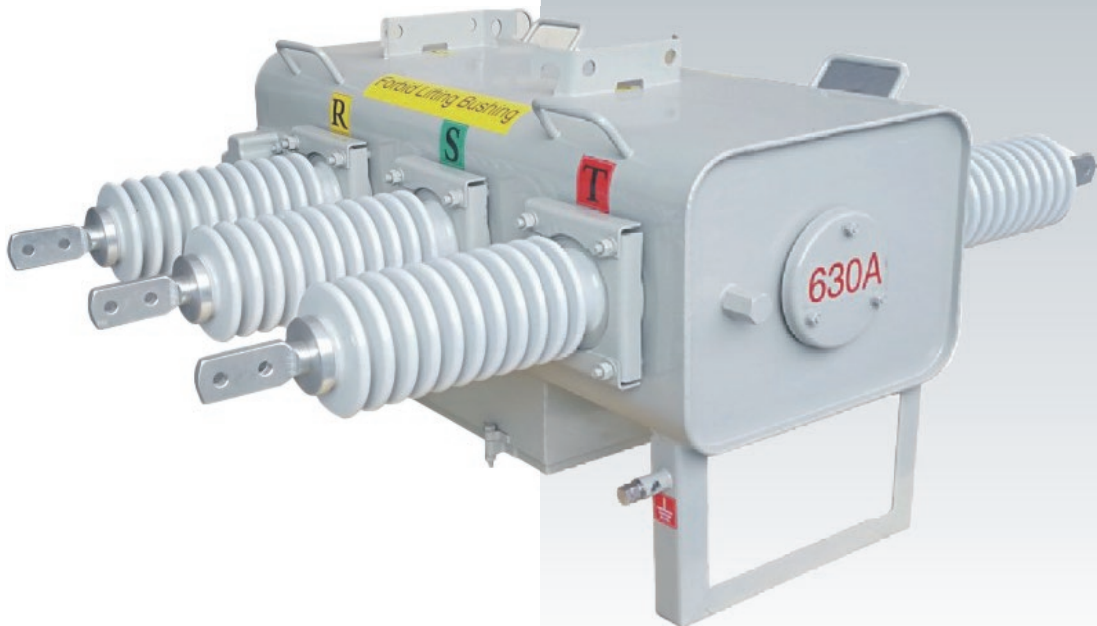


FLW34-12/24/40.5

Outdoor SF6 Gas Insulated Load Break Switch



Overview

FLW34 pole mounted SF6 load break switch is used for breaking rated voltage 12/24/40.5kV, rated current 630A, 50/60Hz power distribution system, closing load current and over load current of power system, it could separate automatically track sections of power distribution which faults occur. The switch is matched with electronic controller which is with the latest technology. The switch has manual, motor, remote operation modes. The electronic controller would be installed inside the stainless steel box, so it could be used in various climate conditions. Besides that, the wire/wireless modem installed inside control box could achieve remote monitoring and controlling. It's easy and convenient for installation the switch on pole, and that could reduce the execution cost.

FLW34-12/24/40.5

Outdoor SF6 Gas Insulated Load Break Switch

Main technical parameters

Project	Model		
Products Type	FLW34-12	FLW34-24	FLW34-40.5
Maximum System Voltage	15kV	25.8kV	40.5kV
Rated Continuous Current	630A	630A	630A
Rated Frequency	50/60Hz	50/60Hz	50/60Hz
Short Time Withstand Current(rms)	20kA/4sec	25kA/1sec	20 kA/1sec
Mainly Active Load Current	630A	630A	630A
Number of Load-break Operations	400times	400times	400times
Short-circuit Making Current(peak)	50kAp	50kAp	50kAp
Number of Making Operations	5times	5 times	5times
Cable Charging Current	25A	25A	25A
Line Charging Current	1.5A	1.5A	2A
Closed Loop Circuit Current	630A	630A	630A
Transformer Magnetizing Current	22A	22A	22A
Power Frequency Withstand Current Test	50kV	60kV	95kV
Impulse Withstand Current Test(1.2x50μs)	85kV	150kV	195kV

Dimensions and mounting dimensions (mm)

