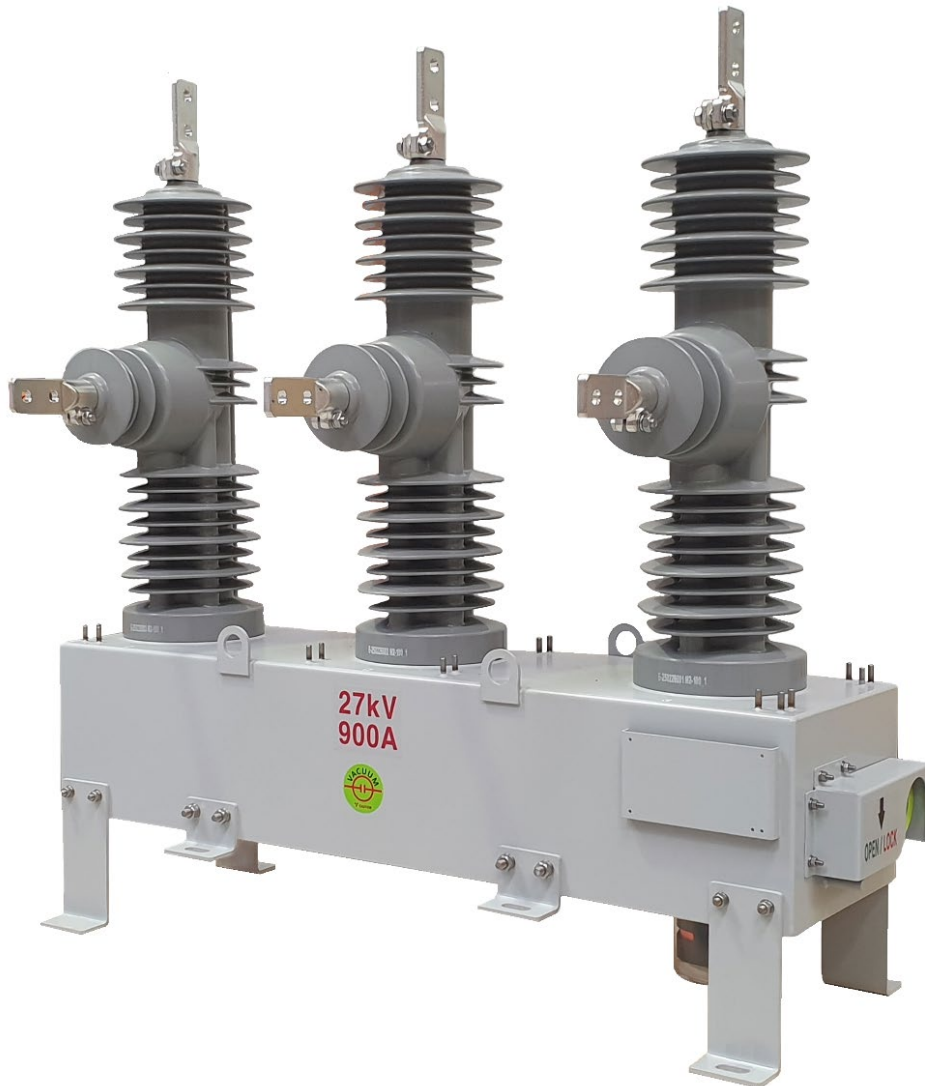


PNC Recloser



Directly compatible with **SEL651R**
Multi-Recloser Interface control



Key Features

- Solid insulation – environmentally friendly product
- Magnetic Actuator Mechanism
- Vacuum Interrupter
- Maintenance free during its entire lifetime / long mechanical and interrupting life
- Compact design & IP66 (Body)
- Six RVD voltage sensors – three source and three load
- 42 pin Harting receptacle for control cable (same as SEL651R MRI)

Epoxy Dielectric Green Recloser Insulation Material

- Hydrophobic Cycloaliphatic Epoxy (HCEP)
- Light weight & compact design for easy handling and installation
- Improved performance in heavily polluted area
- Increased weather durability and improved aging

Integrated sensors

- 3 x Embedded Current Transformers
- 6 x Embedded Resistor Voltage Dividers

Mechanism

- Magnetic Actuator
- No power required to hold contacts in the closed or open positions
- Direct force applied - no linkage between Magnetic Actuator and Vacuum Interrupter
- STS316 Marine Grade Body is available (STS304 is Standard)

Vacuum Interrupter

- High interrupting capacity
- Very compact design
- Low chopping current, limits inductive switching overvoltages to safe values
- Axial magnetic field minimises contact erosion and ensures a long and reliable life

PNC Recloser

Ratings

Maximum System Voltage	kV	27
Rated Current	A	900
Rated Frequency	Hz	50/60
Mechanical Operation	C-O	2,000
Clearance Distance	mm	293
Creepage Distance	mm	876

Breaking Capacity

Rated symmetrical interrupting current	kA	16
Short Time Withstand Current (3sec)	kA	16
Making Current (peak)	kA	42
Cable Charging Current	A	25
Line Charging Current	A	5

Impulse Basic Insulation Level (1.2 x 50us)

Phase to Earth	kV BIL	150
Across Interrupter	kV BIL	150

Power Frequency Insulation Level (Wet & Dry)

Phase to Earth	kV	60
Across Interrupter	kV	60

General

Ambient Temperature	°C	-40 ~ +65
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Specifications subject to change without notice.

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