

# SRIWIN 12KV SINGLE POLE OUTDOOR AUTORECLOSER

SRIWIN ELECTRIC, AN ISO 9001:2015 CERTIFIED COMPANY, OFFERS 12KV SINGLE POLE OUTDOOR AUTORECLOSER SUITABLE FOR OUTDOOR POLE MOUNTING.

AUTORECLOSER USED ON OVERHEAD DISTRIBUTION SYSTEM TO DETECT AND INTERRUPT TRANSIENT/MOMENTARY FAULTS. SINCE MANY SHORT CIRCUITS ON OVERHEAD LINES CLEAR THEMSELVES, AN AUTORECLOSER IMPROVES SERVICE CONTINUITY BY AUTOMATICALLY RESTORING POWER TO THE LINE AFTER FAULT HENCE AUTORECLOSER ACT AS OUTDOOR DISTRIBUTION SWITCHGEAR.



## SALIENT FEATURES:

### 1) HIGH VOLTAGE SWITCHING UNIT:

- \* Compact Light Weight design for easy installation.
- \* Superior Life-Rated for 20,000 operations.
- \* Environment friendly - No oil or Gas.
- \* Hydrophobic Cycloaliphatic Epoxy bushings reduces weathering erosion, outdoor aging and improving life expectancy.
- \* Vacuum interruption for Maximum reliability and minimum maintenance.

### 2) POLE ASSEMBLY:

- \* Maintenance free, Tested to 20,000 mechanical operation without degradation.
- \* Few moving Parts.
- \* High creep age pole Distance.
- \* Easy to replace individual poles.
- \* Superior HCEP ENCAPSULATION material for outdoor applications.
- \* Stainless steel enclosure to prevent corrosion on outdoor environments.

### 3) VACUUM INTERRUPTERS:

- \* Maximum Reliability.
- \* Design ensures superior contact wear and long life.
- \* Superior life - 20,000 load operations.
- \* Minimal maintenance.
- \* Environmentally friendly.

### 4) INTEGRATED SENSORS (OPTIONAL):

- \* Autorecloser pole parts containing inbuilt one current and voltage sensor.
- \* These sensors provide suitable signals for protection (Current & Voltage), metering and data gathering.
- \* Designed for superior response up to the full-rated fault current.
- \* Reliable and accurate data for waveform analysis.
- \* Having more advantages over conventional CT & PT, since Autorecloser using sensor method, opening and shorting of current and voltage sensor is not dangerous.

### DESIGN FEATURES/INTERLOCKS:

- Manual trip option enables to mechanically open Autorecloser without auxiliary supply.
- Mechanical lockout feature is also available for preventing remote close during line maintenance.
- Close block/Hot line tag feature is available on controller during lockout.
- Highly visible, large, reflective open/close mechanical indications available on Autorecloser for identifying the position.
- Electrical indications are also available on controller.
- Highly reliable and maintenance free magnetic actuator mechanism.

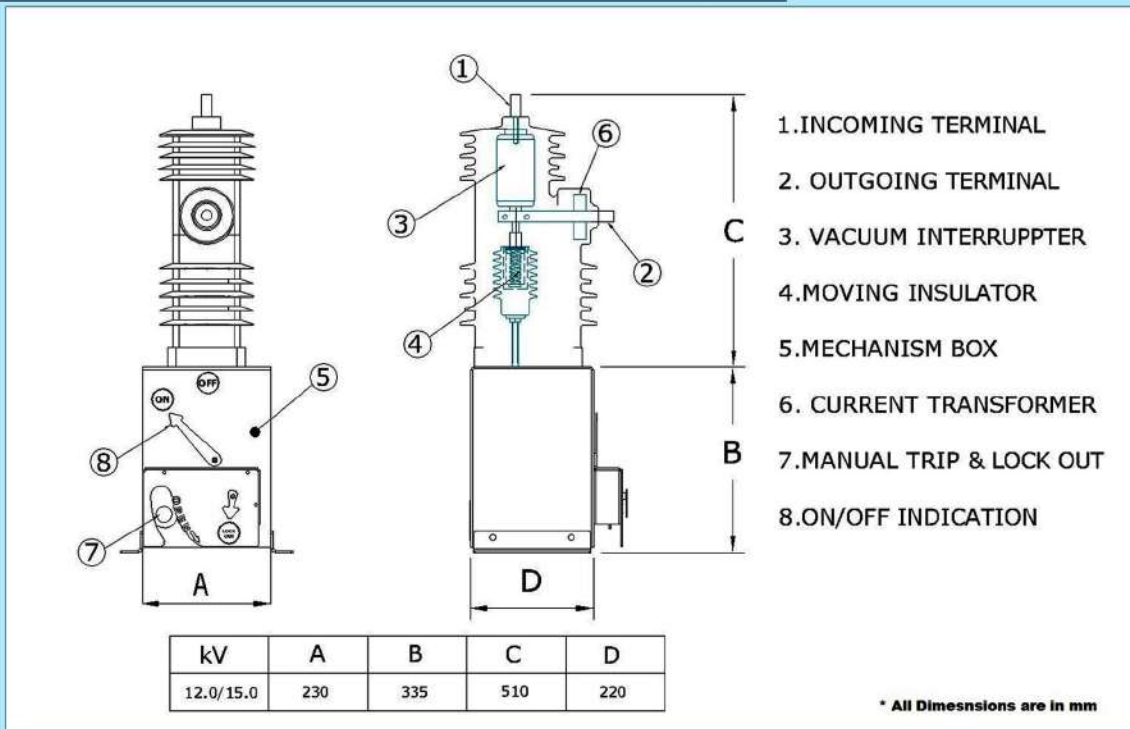
### MAGNETIC ACTUATOR MECHANISM:

- Increased Reliability-Rated for 20,000 operations.
- Simple Design.
- Bi stable-No Power required to hold contacts open or closed.
- Few moving parts means low maintenance and high reliability.

### TECHNICAL DATA SINGLE POLE RECLOSER:

Parameter	12kV
Type Designation	S15
Rated Maximum System Voltage (kV)	12
Rated One Minute Power Frequency Withstand Voltage (Dry) (kV)	50
Rated Lightning Impulse Withstand Voltage (kVp)	110
System Frequency (Hz.)	50/60
No. of Poles	3
Rated Current (A)	630/800
Rated Short Circuit Breaking Current (kAp)	16
Rated Short Time Withstand Current (kAp)	16
Rated Duration of Short Time Withstand Current (Sec.)	3
Rated Operating Sequence	0-500ms-CO-25-CO-55-CO
Control Supply	24/110/220V AC/DC
Interrupting Medium	Vacuum
Insulation Medium	Solid Dielectric
Current Sensor/CT Ratio (Optional)	600A/1V or 600A/1
Voltage Sensor (On Incoming and Outgoing Side) (Optional)	10kV/3.2V
Minimum No. of Rated Led Current Interruptions	10000
Minimum No. of Full Short Circuit Interruptions	100
No. Mechanical Operations	20000
Operating Mechanism	Magnetic Actuator
Applicable Standard	IEC 62271-111/ANSI C37-60

### GENERAL ARRANGEMENT OF SINGLE POLE RECLOSER :



**Note: Product Improvement is a continuous process at SRIWIN ELECTRIC.  
Please contact us for latest update on the product**

