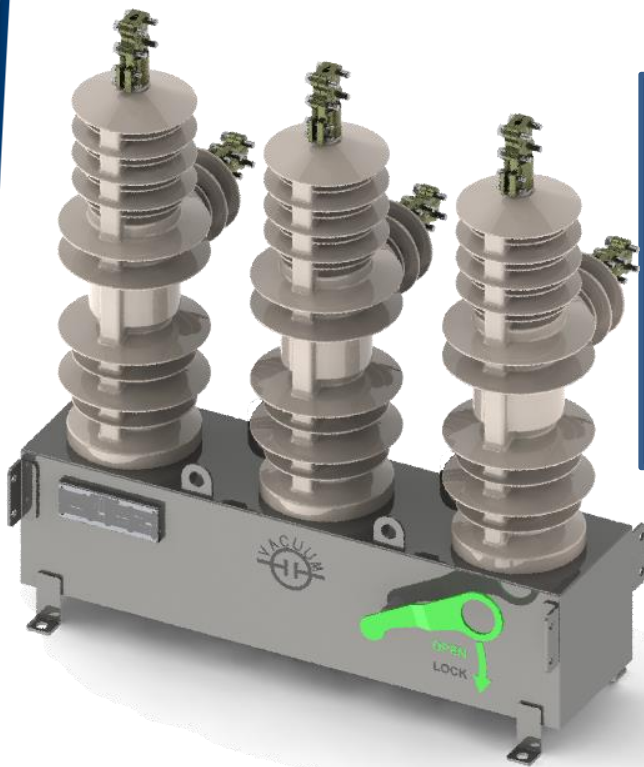


PRODUCT CATALOG



Quality stability !

Customer first !

**SOLID INSULATED
AUTOMATIC RECLOSER**

Solid Insulated Automatic Circuit Recloser

Introduction

Delcoco Automatic circuit Reclosers are designed for use on overhead distribution lines and for distribution substation 15.5kV and 27kV

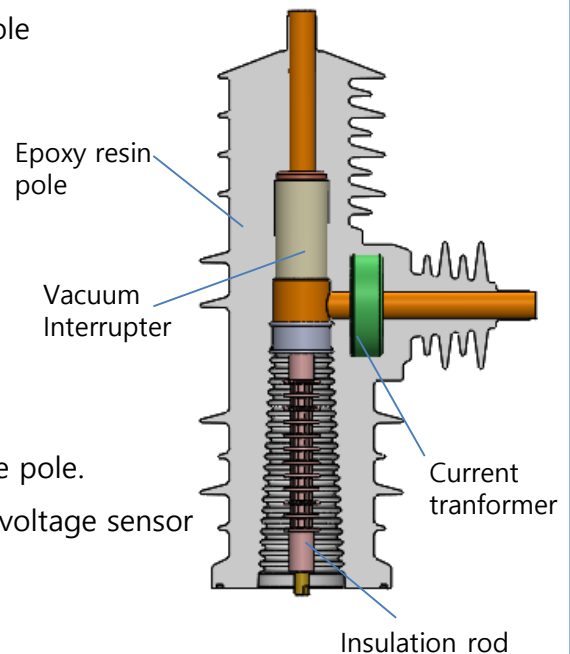
Reclosers are consisted of epoxy insulated pole, tank and control cabinet

Characteristic Key point

- Eco friendly – not used oil or SF6 gas
- Incorporated vacuum interrupter inside solid pole
- maintenance low magnetic actuator
- Compact design
- Microprocess based on controller

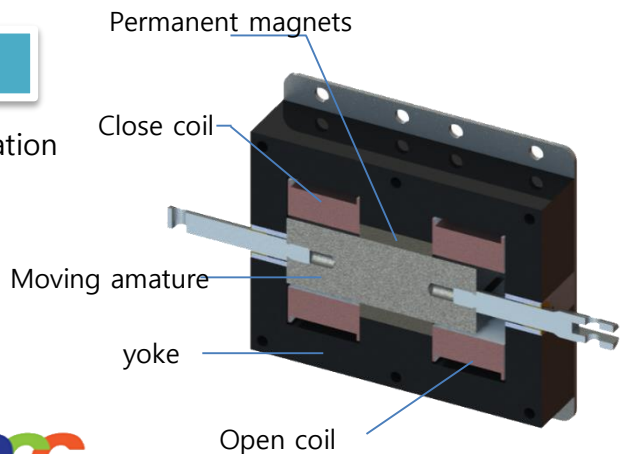
Solid insulated Pole

- High resistance by Ultraviolet (epoxy resin)
- The vaccum interrupters are encapsulated in the pole.
- Each pole contained a current transformer and voltage sensor
- Removable pole
- Can be used high pollution area



Permanent Magnetic Actuator

- 10,000 times Close-Open mechanical operation
- Fewer moving part and low maintenance
- Simple design
- Reliable indicator
- Fully holding force



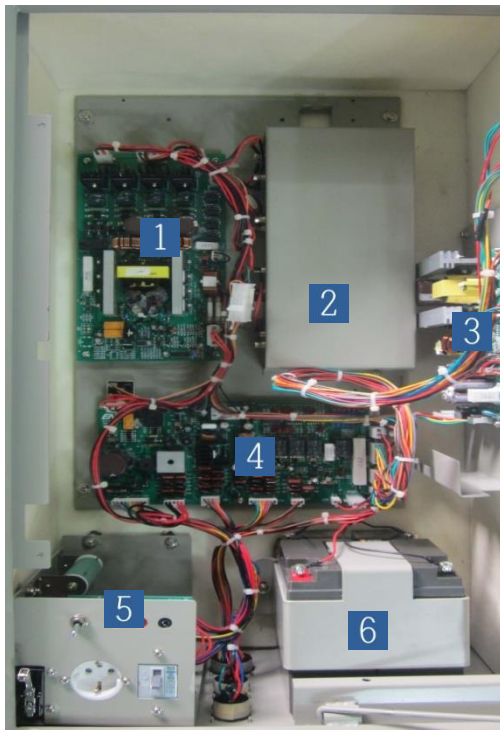
Solid Insulated Automatic Circuit Recloser

Enclosure

- Stainless steel enclosure to prevent corrosion in severe environment
- Receptacle for control cable connect
- Manual trip handle
- Name plate attach

Control Cabinet

- Protective functions
- Remote communications & I/O ports
- Metering
- Event Recording
- Microprocess digital fault relay



inside of control cabinet

- 1 : PMA control module
- 2 : Control capacitor
- 3 : Power supply and battery module
- 4 : Analog input module
- 5 : Heater and AC power input module
- 6 : Battery



Solid Insulated Automatic Circuit Recloser

Recloser Ratings

Rating

Rated voltage	15.5	27	kV
Rated continuous current	630/800	630/800	A
Rated interrupting current	12.5/16	12.5/16	kArms
Short time withstand current (3s)	12.5/16	12.5/16	kArms
Mechanical operations	10,000	10,000	times

Insulation level

Rated lightning impulse withstand voltage	110	150	kV
Rated power frequency withstand voltage	50	60	kV /1min

Service condition

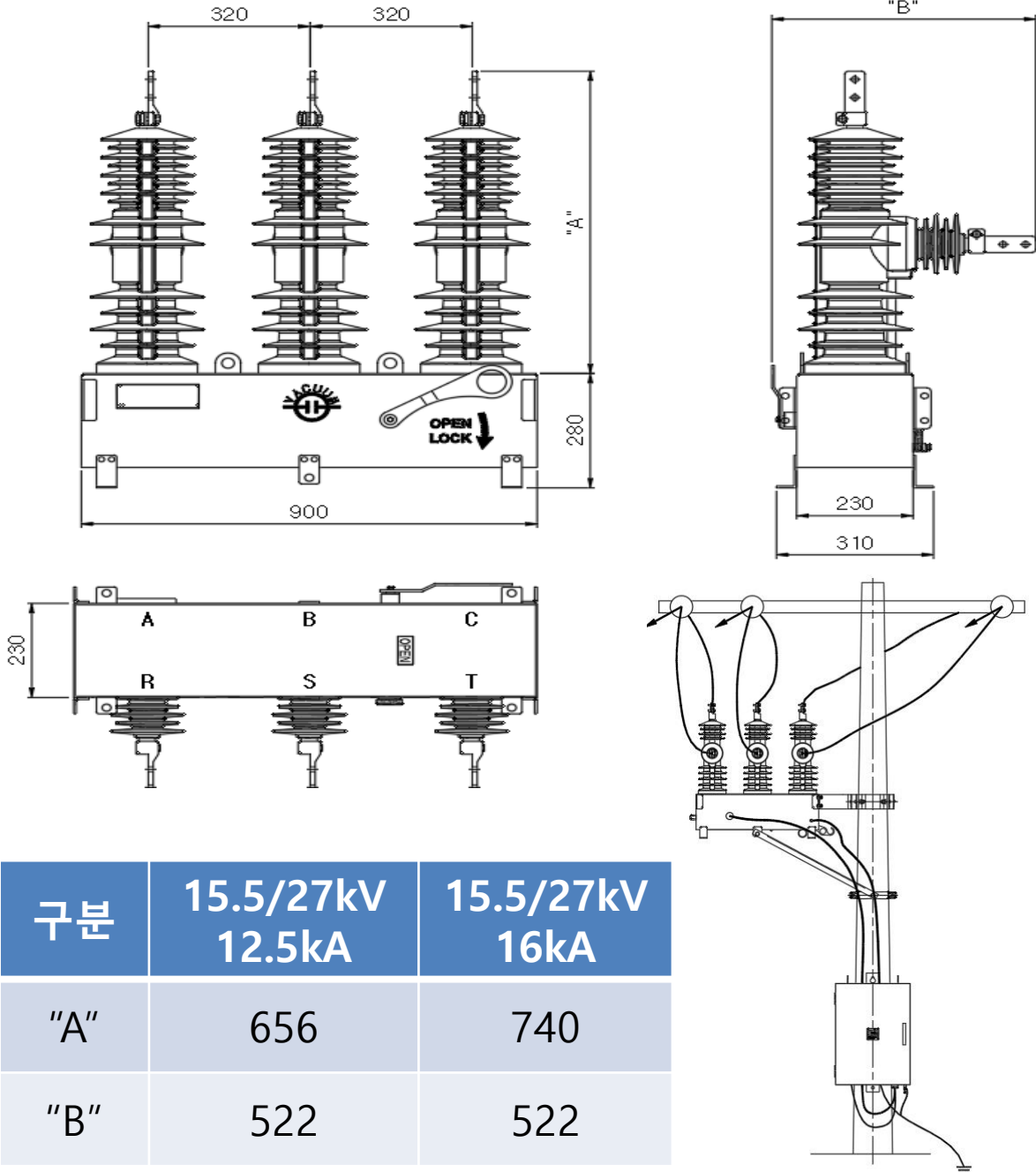
Ambient temperature	-25 to 50	°C
Humidity	0 to 100	%
Altitude meters	3000	M

Reclosing

Reclose interval 1 st	0.3 ~ 180s (step 0.1)
Reclose interval 2 nd	1 ~ 180s (step 1)
Reclose interval 3 rd	1 ~ 180s (step 1)
Reclose interval 4 th	1 ~ 180s (step 1)
Reset time	1 ~ 180s (step 1)

Solid Insulated Automatic Circuit Recloser

Dimension



구분	15.5/27kV 12.5kA	15.5/27kV 16kA
"A"	656	740
"B"	522	522

DELCOCCO

301, Mado-ro, Mado-myeon, Hwaseong-si, Gyeonggi-do, 18544, Korea
www.delcoco.co.kr

