

# TriMod™ 300R Series Three Phase Recloser

The new **TriMod 300R** enhances the Joslyn Hi-Voltage recloser line with direct SEL compatibility. TriMod reclosers raise the standard of recloser performance by providing 10,000 maintenance free operations. The TriMod 300R is an easy to use solution for reclosing applications. The improved features are listed below.

## Features/Benefits

- **Compatibility with Schweitzer's 351R Recloser Control**

Requires only the standard, C510 SEL 14 pin control cable

- **Only One Control Cable Required**

Other reclosers require up to three cables!

- **Field Proven Long-Life Mechanism**

Operating mechanism provides 10,000 open and close mechanical operations

- **Operations Counter**



TriMod utilizes a solid-dielectric insulation system which provides long-life insulation around the vacuum interrupter. The insulation minimizes environmental and reliability problems associated with typical oil and gas insulators. This solid dielectric material is field proven and has been used for over 40 years in other Joslyn products.

- **Long Life Vacuum Interrupters**

Provide twice (2x) the duty cycle required by ANSI C.37.60

- **Removable Current Transformers**

The CTs are surrounded by grounded metal surfaces and can be safely and easily removed for access or replacement

- **Surge Withstand Testing**

Exceeds ANSI C37.60 - 2003 6.13-.2 simulated surge arrester operation

- **Balanced Load Lifting Provisions**

# Ordering Information

## MODEL NUMBER EXAMPLE:



## ORDERING INFORMATION

1. Select model number from table.
2. Specify length of interconnecting control cable up to 50ft.
3. Specify Schweitzer 351R recloser control.
4. Select options and accessories.

### Options

- Arrester mounting bracket
- Substation mounting frames
- Extra creepage bushings

Model No.	Voltage Range (kV)	Continuous Current (Amps)	Interrupting Current (kA RMS symmetrical)	BIL (kV)
315R-6	4-17.1	630 or 800	6,000	110
315R-10	4-17.1	630 or 800	10,000	110
315R-12.5	4-17.1	630 or 800	12,500	110
315R-16	4-17.1	630 or 800	16,000	110
327R-6	17-29.3	630 or 800	6,000	125
327R-10	17-29.3	630 or 800	10,000	125
327R-12.5	17-29.3	630 or 800	12,500	125
327R-16	17-29.3	630 or 800	16,000	125

## RATINGS

Description	15kV	25kV
Nominal System Voltage (kV, RMS)	14.4	25
Rated Maximum Voltage (kV, RMS)	17.1	29.3
Nominal Frequency (Hz)	50 or 60	50 or 60
Number of phases	3	3
Phase Spacing (inches)	15.5	15.5
BIL (kV)	110	125
Power Frequency Withstand-Dry (kV)	50	60
Power Frequency Withstand-Wet (kV)	45	50
Continuous Current (A RMS)	630 or 800	630 or 800
8-Hour Overload Current (A RMS)	800	800
Interrupting Current (kA RMS Symmetrical)	6, 10, 12.5, or 16	6, 10, 12.5, or 16
Making Current (kA Asym Peak)	42	42
Arc Extinction Medium	Vacuum	Vacuum
Insulating Medium	Solid High Dielectric Foam	Solid High Dielectric Foam
Mechanical Operations	10,000	10,000
Weight (lbs/kg) (with standard mounting frame)	330/150	340/154



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