

VAR-Min ZV3

When Automatic Control and Zero Voltage Closing are required



Automatic Capacitor Control with Zero-Voltage Closing

- **Combines the flexibility of the VAR-Min Cap Control with the superior switching performance of the Z-Cap ZVC Control**
- **Single Enclosure results in**
 - **Cost efficiency**
 - **Ease of installation**
- **SCADA Compatibility is inherent with either DNP or Modbus**

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VAr-Min Intelligent Capacitor Switch Control

Standard control schemes:

- * kVAr with Voltage override
- * Power factor with Current override
- * Temperature with Voltage override
- * Time with Weekend / Holidays
- * Time with Date modification
- * End of line Voltage correction

User defined control schemes based on:

- * kVAr
- * Power Factor
- * Voltage
- * Current
- * Date / Time / Day of week
- * Temperature

Z-Cap Zero Voltage Closing Control for Capacitor Switching

Closing each capacitor switch at precisely the right time Z-Cap effectively:

- Eliminates switching related voltage transients
- Increases capacitor life by reducing inrush currents
- Improves power quality
- Diminishes harmonic distortion
- Lowers voltage peak surges

Accuracy is unparalleled

- Independent temperature compensation of local closing caps and bank switches
- Microprocessor based solenoid operation analysis
- Precisely controlled local closing energy storage
- Digital waveform analysis
- Automatic timing self adjustment based on closing feedback
- Line frequency monitoring

Compatibility

- Works with **Maysteel**, **Joslyn**, and **Cooper** solenoid operated switches
- Provides 52A Status and Control-Ready dry contact signals back to controlling device
- Digital control, monitoring and data storage available via RS-232 port

Additional Information

Additional information may be obtained by reviewing the brochures for the VAr-Min, VAr-MinSR2 and ZVC control brochures. The manuals are also available for each product on our website.

If you have special requirements and/or issues and would like to visit further about this product or other Valquest products please contact us at the number listed below. We realize that not all issues and applications are the same and would like the opportunity to work with you to develop a solution when possible.

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