

## FUNDAMENTALS OF POWERFLEX 525 VFD WIRING AND COMMISSIONING

### WINTER 2021

December 15 - 17  
MIDLAND, MI

### Learn how to install, test, start-up, and troubleshoot basic PowerFlex 525 VFD applications

This three-day class covers a combination of instructor led discussions, demonstrations, and hands-on labs. The students will experience learning to wire, program, and operate Variable Frequency Drives.

Class topics cover VFD theory, motor theory, input protection, output protection, dynamic braking, encoder feedback, safe torque-off, PID regulation, Ethernet communications, and VFD applications.

During the hands-on labs, students will learn about various control configurations and applications using their VFD workstation, HIM module, and hand-held VFD test module. In addition, they will have a hands-on experience testing and troubleshooting VFDs using various Fluke test and measurement equipment.

### TOPICS COVERED

- VFD Power and Control Fundamentals
- Testing VFD Power Components
- AC Motor Fundamentals and Measurements
- Installation Considerations
- Power and Control Wiring Configurations
- VFD Application Techniques and Parameter Adjustments
- Ethernet Communications Configuration
- Voltage and Current Measurements using Fluke VOM® and Clamp Ammeter

*Limited Seating* – maximum 8 stations/students

### DETAILS

Kendall Electric  
3240 Schuette Road  
Midland, MI 48642

9:00am - 4:30pm

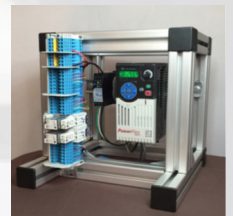
LUNCH PROVIDED

## REGISTRATION INFORMATION:

Cost: \$1,695 per student

Register at: [keinc.info/KCT](http://keinc.info/KCT)

Visit [kendallelectric.com/training](http://kendallelectric.com/training) to view  
all training offered by Kendall Electric.



# 2021 KENDALL CONNECTED TRAINING

## FUNDAMENTALS OF POWERFLEX 525 VFD WIRING AND COMMISSIONING

CLASS DATES	LOCATION	VENUE	ADDRESS
December 15 - 17	Midland	Kendall Electric	3240 Schuette Road, Midland, MI 48642

### About the Instructor:

Roy Radziszewski is an automation and networks instructor. He teaches courses covering various types of Allen Bradley™ AC variable frequency drives, small and medium range PLCs, PanelView graphic terminals, and Networks (including Stratix switches).

During Roy's career he has started-up, serviced and designed control systems, and has deployed thousands of drives for all types of industrial manufacturing applications.

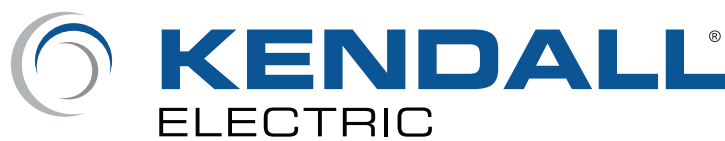
Roy holds an electrical engineering degree from The Milwaukee School of Engineering and an MBA from the University of Houston. In addition, he holds programming certificates (C, C#, Android, and real-time embedded systems) from the University of Washington and University of California, Irvine. Roy is presently working on his CCNA Certification through Cisco.

### COST AND ORDERING INFORMATION

- Register at: [keinc.info/KCT](http://keinc.info/KCT)
- 3-Day Seminar
- 9:00am - 4:30pm, Lunch Provided
- Cost: \$1,695 per student
- All training materials are provided in class
- Limited Seating - maximum 8 stations/students

*On-site training is also available!*

For more information, contact your Kendall Electric Account Manager or email our training coordinators at [training@kendallelectric.com](mailto:training@kendallelectric.com).



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