



Training catalog

ABB OVR recloser and PCD relay training program 2011 schedule and course information

OVR recloser & PCD relay training program

Training scope

- Discover how to best apply, operate, maintain, and test OVR reclosers and PCD relays to improve system reliability
- Gain hands-on experience with PCD relays and OVR reclosers. Each participant is provided with a PCD for training
- Learn how to utilize AFSuite™, power quality features, oscillography (with symmetrical components calculated) to analyze faults, and generate recloser curves
- Learn about new features and troubleshooting techniques
- Simple approach for existing, new, or potential future users
- Geared towards engineers, technicians, and operators
- Train with representatives from our free 24-7 technical support team
- On-site training program available upon request
- Earn 12 professional development hours (PDHs)
- Just 45 minutes from Walt Disney World, Universal Studios, and the Daytona Speedway!



Training topics

Day 1

The OVR / PCD training topics are located below. Please check the topics that are important to you and submit this form with your registration. This will allow ABB to focus the training session on your individual needs. If you do not see the topics you would like to discuss, write them in at the bottom of this form. Please be sure to send this form in with your registration. Training is from 8:30 AM - 5 PM on Day 1, and 8:30 AM – 4 PM on Day 2.

Check if Interested	Day 1 Topics (8:30 AM – 5:00 PM)
	Introduction
	- Welcome, Introductions
	PCD Overview
<input type="checkbox"/>	- Hardware Identification
<input type="checkbox"/>	- PCD Design & Functions
	AFSuite™
<input type="checkbox"/>	- Software Setup - AFSuite™
<input type="checkbox"/>	- Computer Communications Setup
<input type="checkbox"/>	- Fleet View - PCD Setup within AFSuite™
<input type="checkbox"/>	- Basic Settings
<input type="checkbox"/>	- Protection Settings
<input type="checkbox"/>	- Fault Location & Testing
	Lunch
	AFSuite™ Functions & Tools
<input type="checkbox"/>	- Event Records & Counters
<input type="checkbox"/>	- Metering
<input type="checkbox"/>	- Load Profile
<input type="checkbox"/>	- Operation Menu
<input type="checkbox"/>	- Managing Databases – Online Offline, Copy, Import, Export, Comparison, Transmit/ Receive
<input type="checkbox"/>	- DNP Configurator
	AFSuite™ Programming
<input type="checkbox"/>	- Programmable I/O
<input type="checkbox"/>	- Logic Examples (HLT)
<input type="checkbox"/>	- Setting Alarms
<input type="checkbox"/>	- Over/Under Voltage Protection
<input type="checkbox"/>	- Hard Wire SCADA

Training topics

Day 2

Check if Interested	Day 2 Topics (8:30 AM – 5:00 PM)
	OVR Recloser Assembly & Plant Tour
	- Welcome, Introductions
	OVR-3 / OVR-3SP & PCD Demonstration
<input type="checkbox"/>	- Presentation
<input type="checkbox"/>	- Hands-On Testing and Operational Training
<input type="checkbox"/>	- Control Cabinet
<input type="checkbox"/>	- Troubleshooting & Maintenance
<input type="checkbox"/>	- Voltage Sensing & OVR Recloser Features & Benefits
	Lunch
	Upgrading Firmware (OVR-3 / OVR-3SP)
	Advanced Features
<input type="checkbox"/>	- Loop Schemes (LCM Module)
<input type="checkbox"/>	- Recloser Relay Curve Generator (CurveGen™)
<input type="checkbox"/>	- Oscillography (WaveWin™)
<input type="checkbox"/>	- Power Quality (AFSuite™)
<input type="checkbox"/>	- FA Users Site – Feeder automation site for PCD/OVR recloser customers.
<input type="checkbox"/>	OVR-1 Single Phase Recloser, ICD, & ISD Overview
<input type="checkbox"/>	Q & A Session with 24-7 Customer Support Team

Suggest a Topic

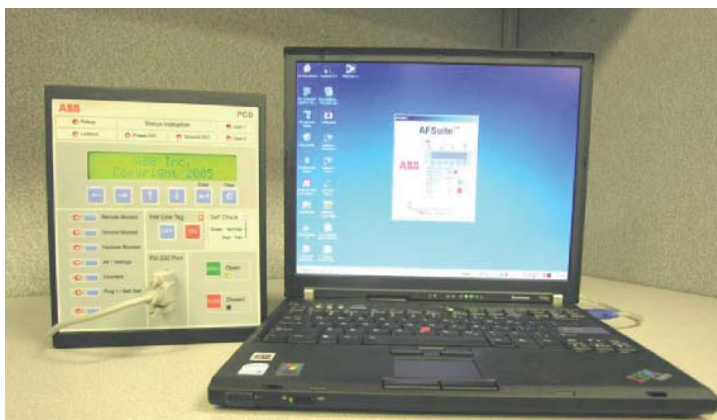
Please be sure to send this form in with your registration.

Training requirements

You will need to bring your own laptop that meets the following requirements:

- Administrator rights
- 256 MB of RAM or higher
- 30 MB of Hard Drive Space
- One of the following operating systems:
 - Windows XP
 - Windows 2000
 - Windows NT 4.0
 - Windows 98 2nd Edition
- Internet Explorer 5.50 or higher
- RS-232 serial port (on laptop) or USB port and USB to serial port converter
- RS-232 null modem cable

IMPORTANT: Please have AFSuite™ loaded onto your laptop computer prior to attending the training session. Administrative rights must be granted to load AFSuite™ onto a laptop. Please call 24-7 Customer Support Line at 1-800-929-7947 ext. 5 or +1-407-732-2000 (international) and dial ext. 2520 for technical support.

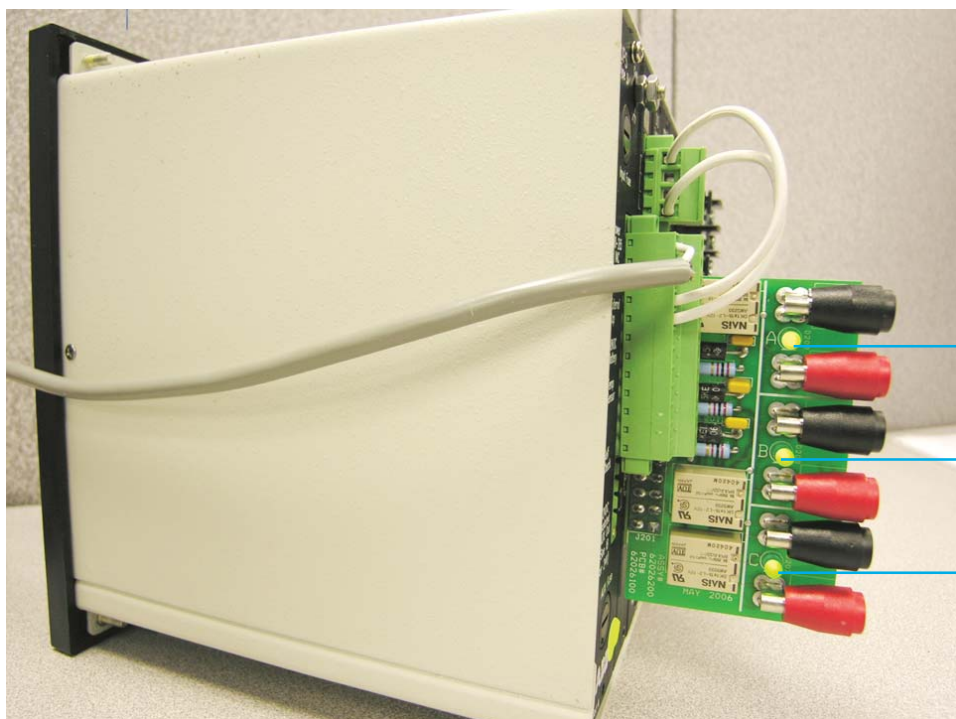
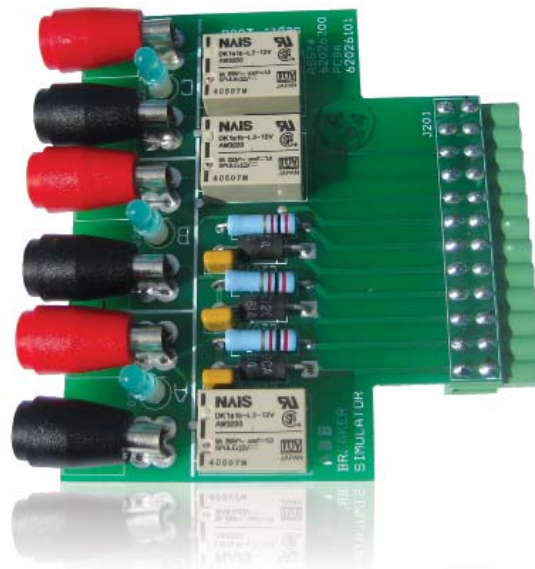


OVR recloser simulator card

Test out relay schemes or verify the operational integrity of a PCD relay with an ABB OVR recloser simulator card (Part # 620262-T1). The simulator card is available at a discounted price during the OVR/PCD training class. See registration form for details.

The ABB simulator card features:

- Test relay schemes
- Simulate Fault Conditions
- Plug and play
- Inject secondary currents up to 5 A (to simulate primary currents up to 3000 A)
- Plugs into DIO Type 2 card found on the back of the PCD relay
- Compatible for use with AFSuite™ software
- Optional PCD software can collect oscillographic records of fault simulations
- Test a PCD relay without operating an OVR recloser



Green LEDs indicate recloser position

Registration form

Training fee includes: Course literature, OVR recloser manuals, PCD manual, and current versions of AFSuite™, CurveGen™, WinFlash™, and WaveWin™ software for your ABB OVR recloser. PCDs and OVR recloser simulator cards will be furnished for the class. Each customer can purchase a recloser simulator card at the discounted price listed below.

Meals Included: DAY 1: Refreshments, Lunch, and Dinner
DAY 2: Refreshments and Lunch

Requirements: Please bring your laptop computer with AF-Suite™ loaded, RS-232 null modem cable, and USB to serial adapter (if laptop does not have RS-232 serial port).

Please e-mail this form to customer.service.group@us.abb.com or fax it to +407-732 2359. The form also can be submitted via online by visiting www.abb.us/mvservice and clicking on [Training](#).

Fee options:

- \$750.00 – Tuition Only (includes everything above)
- \$950.00 – Tuition + OVR Recloser Simulator Card (30 % cost savings from the standard list price for a OVR recloser simulator card)

Class dates (select one):

- April 13 & 14
- May 11 & 12 (Spanish)
- September 7 & 8 (Spanish)
- October 12 & 13

Personal Information:

Name: _____

Title/ Responsibilities: _____

Company name: _____

Company address: _____

City, state, zip: _____

Phone Number: _____

E-mail Address: _____

Sales Representative: _____

Method of Payment (circle): Check PO Credit card

PO #: _____ Check Number and Amount _____

An ABB representative will contact you for your credit card information, please do not include on this form.

Registration information

Registration Information

Please register for the course by using the Registration Form. Please make reservations at least two weeks before the start of the course, as we are only able to accept a limited number of participants on each course. We accept bookings in the order they arrive.

Facilities and accommodations

We've negotiated the best rates available in each area during the ABB training program, please contact us for hotel information. The OVR Recloser & PCD Training Program will be held at the ABB factory at 655 Century Point in Lake Mary, Florida 32746. The closest airports are Orlando International, Sanford, or Daytona Beach.

Cancellation and notice

If the course is cancelled or postponed, you will be informed at least one week prior to the course start. We reserve the right to postpone or cancel courses. If you need to cancel, please send call +1 407-732-2000 as soon as possible, but no later than two weeks prior to course start. The course fee will not be reimbursed to anyone canceling with less than two weeks notice from the scheduled course date.

Course certificate

Each participant will receive a course certificate upon the completion of the course.

Instructors and staff

Training is conducted by our professional instructors who are specialized in delivering the latest information and knowledge about the subject at hand.

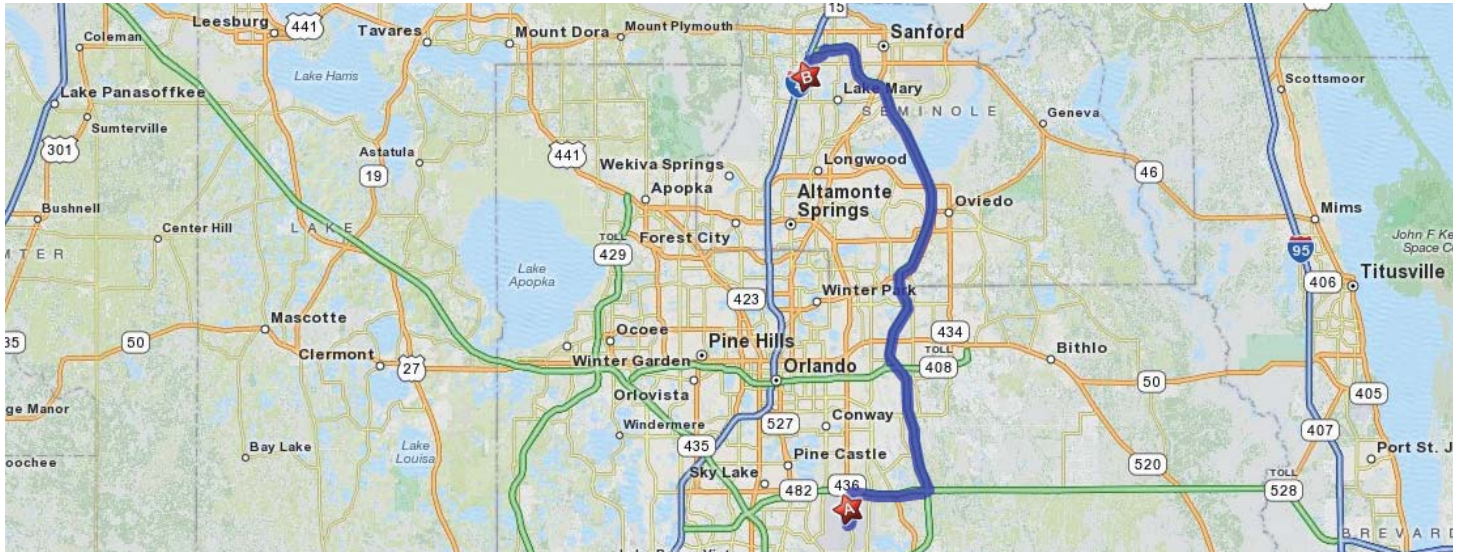
On-Site and customized customer training
















On-site and customized customer training sessions are offered upon request. We will gladly arrange courses at any agreed location. Our training staff will be happy to assist in the planning and organizing of your on-site or customized training requirements. Arrangements may also be made by contacting the marketing department.



Directions

Orlando Int'l Airport to ABB Lake Mary



	1. Start out going SOUTH on AIRPORT BLVD	0.9 mi
	2. Turn SLIGHT LEFT to take the ramp toward TERMINAL B/SR-436/NORTH EXIT/SR-528-TOLL	0.1 mi
	3. Stay STRAIGHT to go onto AIRPORT BLVD	1.5 mi
	4. Take the SR-528-TOLL E exit, EXIT 1A, toward COCOA/KENNEDY SPACE CENTER	0.3 mi
 	5. Merge onto FL-528 TOLL E (Portions toll)	3.9 mi
	6. Take EXIT 16 toward SR-417-TOLL/TAMPA/ORLANDO	0.3 mi
	7. Take the SR-417-TOLL N exit on the LEFT toward ORLANDO/SANFORD	1.0 mi
 	8. Merge onto FL-417 TOLL N/CENTRAL FLORIDA GREENEWAY (Portions toll)	28.0 mi
	9. Take the RINEHART ROAD exit, EXIT 54	0.4 mi
	10. Turn LEFT onto RINEHART RD/CR-431B S	2.3 mi
	11. Turn RIGHT onto WALLACE CT	0.3 mi
	12. Turn RIGHT onto CENTURY PT	0.3 mi
	13. 655 CENTURY PT is on the RIGHT	

Suggested hotels

The Westin Lake Mary, Orlando North

2974 International Parkway
Lake Mary, FL 32746
(407) 531-3555

Orlando Marriott Lake Mary

1501 International Parkway
Lake Mary , FL 32746
(407) 995-1100

Hilton Garden Inn Lake Mary

705 Currency Circle
Lake Mary, FL 32746
(407) 531-9900



Notes

Contact us

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655 Century Point

Lake Mary, FL 32746

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Customer service: +1 800 929 7947 ext. 5

+1 407 732 2000 ext. 2514

E-Mail: customer.service.group@us.abb.com

www.abb.com/mediumvoltage

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