EL SEWEDY AUTOMATION S.A.E
السويدى
للتحكم الآلى - ش.م.م
www.elsewedy-automation.com

السويدى للتحكم الآلى - ش.م.م
مأمورية الشركات المساهمة – القاهرة
ملف ضريبى: ٥/٠٤٥٢٥/١٩١/٠٠/٠٠
ضريبة مبيعات: ٤٤٦ – ٧٢٢ – ٣١٠
ب ض : ٢٨٧٥٦   س ت : ٣٧٣٠٩

PowerFlex Drives Fundamentals, Configurations & Troubleshooting

Course Description

This training course provides the necessary resources and hands-on practice to efficiently configure and troubleshoot a PowerFlex Drives. The Course provides the fundamental concepts of AC drive and motor operation to enable effective startup of PowerFlex 4 and PowerFlex 7 series. The course also provides information related to applications, proper drive selection and sizing as well as various installation considerations and troubleshooting practices.

You will learn how to recognize PowerFlex 4 and 7 class drive hardware and properly program and troubleshoot the drive as part of a typical startup.

Throughout the course, you will use the LCD HIM. DriveExplorer, DriveExecutive, or Connected Component Workbench software to program and monitor various drive parameters. After each demonstration, you will be given an exercise that offers hands-on practice using PowerFlex 4x and/or PowerFlex 7x drives.

This 3-day course can be taken as a stand-alone course, or it can be taken in conjunction with other courses in the PowerFlex curriculum for further skills development.

Target Audience:

This course is intended for engineers or technicians directly involved in the installation, operation and programming of AB Powerflex drives families. In addition to individuals who need to maintain and troubleshoot Powerflex drive system should attend this course.

Pre-requisites:

- Basic computer skills with Windows will be very helpful.
- Good Knowledge of the AC/DC Motors and Drives Fundamentals.

Duration:

3 days, 7hours/day (from 9:00am to 4:00 pm).

Address: 27 Orabi St, Office (706)
El-Azbakia, 11111-Cairo.
Tel: +20 2 25763462.
Fax: +20 2 25763463.

العنوان: ٢٧ ش عرابى، مكتب (٧٠٦)
الازبكية، ١١١١١- القاهرة.
تليفون: ٢٥٧٦٣٤٦٢ ٢ (٢٠)
فاكس : ٢٥٧٦٣٤٦٣ ٢ (٢٠)

Page 1/2

Course Outline:

- Basics of AC Motors and Drives
- Drives Product Selection
- PowerFlex Family Overview
- PowerFlex 4-Class Product Features
- PowerFlex 7-Class Product Features
- Lab Rotation.
- Applying Drive Installation Best Practices.
- PowerFlex Basic Programming
- Monitoring and Modifying Drive Parameters using Hardware and Software.
- PowerFlex Sample Applications
- Setting up a Drive to Communicate over Network.
- Troubleshooting a PowerFlex Drive.
- Information Resources.

Address: 27 Orabi St, Office (706) El-Azbakia, 11111-Cairo. Tel: +20 2 25763462. Fax: +20 2 25763463.	العنوان: ٢٧ ش عرابى، مكتب (٧٠٦) الازبكية، ١١١١١- القاهرة. تليفون: ٢٥٧٦٣٤٦٢ ٢ (٢٠) فاكس : ٢٥٧٦٣٤٦٣ ٢ (٢٠)

Page 2/2