

Maintenance Training

PickDirector Power Rail Maintenance

General Information

Course Number: 2-190
Format: Instructor Led
Length: 1 day
Maximum Students: 8

Audience

This course is for technicians who maintain the power rails and communication components for the power rails.

Customer Equipment Requirements

- At least one ohmmeter for each two class participants.
- Dedicated training room with a projector and a white board with markers.
- Access to on-site Dematic equipment.

Prerequisites

- None

Benefits

Participants in this course will be able to identify and address issues with the power rail system.

Course Objectives

Upon completion of this course, the student should be able to:

- Use an ohmmeter to identify low voltage conditions.
- Use an ohmmeter to identify communication faults.
- Add, remove, and swap components on the power rail system.
- Identify operational issues affecting system performance.

Topics

1. General

- a. Safety
- b. System Overview
- c. Nomenclature
- d. Identification of Replacement Parts

2. Component Validation

- a. Junction Box Wiring Complete/Correct
- b. NetController Cabinet Issues

3. Component Addition/Replacement

- a. Add Components to Power Rail System
- b. Remove Components from Power Rail System
- c. Swap Components on Power Rail System

4. Diagnostics

- a. Overview of the NetController Diagnostics Menu
- b. End Cap Diagnostics

5. Recovery

- a. Fault Identification and Resolution
- b. Identify Low Voltage Conditions with Ohmmeter
- c. Identify Communication Faults with Ohmmeter