SMARTRISE Elevator Controller Instructions

Contents

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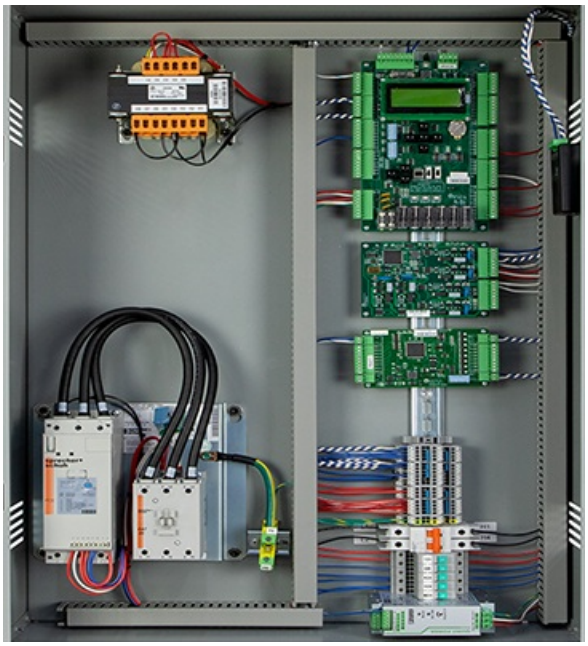


Overview

This training program covers five key sections designed to equip mechanics with the essential skills to navigate Smartrise controllers and troubleshoot common issues effectively.

Section 1: Prints

Objective: Learn to navigate Smartrise prints and locate essential information.

Key Topics

- Navigating using index page references
- Understanding symbol definitions
- Reviewing job specifications
- Locating DIP and jumper settings

Activities

- Engage with mechanics using prints to find required information.
- Review key pages (slides 6-16) for symbol definitions, job specifications, and board references.
- Practice reading circuits and troubleshooting with common questions (slides 17-26).

Section 2: Construction

Objective: Learn construction setup, troubleshooting, and how to initiate elevator movement.

Key Topics

- Construction setup for installation
- Connecting jumpers and running bug wiring
- Getting the car moving (hydro and traction)

Activities

- Review prints and use startup manuals for setup (slides 28-37).
- Hands-on training with mock obstacles and collaboration (slides 31-45).
- Address common construction issues, using the startup manuals to troubleshoot.

Section 3: Normal Operation

Objective: Understand how to navigate the system, adjust slowdowns, and read critical data.

Key Topics

- Navigating the home screen and menu
- Understanding door data and indicators
- Adjusting slowdowns for smoother rides (hydro and traction)

Activities

- Use the home screen and door data for basic troubleshooting (slides 46-55).
- Learn hoistway layout and slow down adjustments (slides 52-57).
- Hands-on practice adjusting floor levels and running “mock learns” (slide 58).
- Engage in role-playing to simulate troubleshooting (slides 59-62).

Section 4: Faults

Objective: Identify and resolve faults encountered before and after installation.

Key Topics:

- Navigating the fault menu
- Diagnosing common issues post-construction
- Resolving maintenance trouble calls

Activities

- Engage in fault identification and resolution (slides 63-73).
- Solve real-time fault scenarios using manuals (slides 63-80).
- Short Q&A session for additional troubleshooting queries (slide 79-80).

Section 5: The Smartrise Advantage

Objective: Understand the unique features of Smartrise controllers and their competitive edge.

Key Topics

- Advanced controller features and key benefits

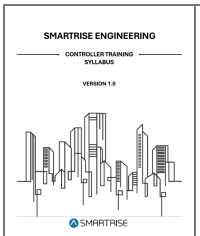
- DAD Monitoring Unit
- Customizable post-installation features

Activities:

- Explore controller capabilities, including security features, fire service setup, and I/O configuration (slides 81-93).
- Hands-on interaction with controller features (slide 95).
- Engage with the MRM and explore features related to end-user interaction (slides 96-113).
- Final review and additional demonstrations (slide 114).

This syllabus ensures comprehensive training, combining theoretical learning with practical hands-on experience to enhance understanding and problem-solving skills with Smartrise controllers.

Documents / Resources

	**SMARTRISE Elevator Controller** [pdf] Instructions Elevator Controller, Elevator, Controller

References

- **User Manual**