Mindluster Platform

About the course HVAC electrical switch types

HVAC electrical switch course, in this course we will learn about the HVAC electrical switch types, their functions, and applications in HVAC systems. The course covers a comprehensive overview of various switches, including thermostats, pressure switches, limit switches, relay switches, and float switches. You will gain an understanding of how these switches operate, their role in controlling HVAC equipment, and the importance of proper installation and maintenance. Safety procedures and best practices for working with electrical components will be emphasized to ensure safe and efficient operations. Through practical demonstrations and hands-on exercises, you will learn how to troubleshoot common issues with HVAC switches and perform necessary repairs or replacements. This course is designed for beginners and experienced technicians alike, providing a solid foundation in HVAC electrical switch technology and enhancing your ability to manage and maintain HVAC systems effectively. By the end of this course, you will be well-equipped to handle various HVAC switch-related tasks with confidence and expertise.

Engineering Category's Courses

Course Lesson(47)

Lesson 1 : **Common Relays Used in HVAC R**

Lesson 2 : **TOP 5 CONTACTOR Troubleshooting Problems**

Lesson 3 : **Troubleshooting the HVAC Potential Relay**

Lesson 4 : **How HVAC Refrigerant Pressure Switches Work Troubleshooting**

Lesson 5 : **How The Compressor Current Starting Relay Works Troubleshooting**

Lesson 6 : **PTC Compressor Start Assist How It Works Testing**

Lesson 7 : **HEAT SEQUENCER Operation Timing Testing**

Lesson 8 : **Troubleshooting the HVAC Ice Cube Relay**

Lesson 9 : **Furnace and AC Fan Not Working Troubleshoot the Fan Control**

Lesson 10 : **Heat Pump Defrost Thermostat Sensor DFT Testing**

Lesson 11 : **HVAC Electrical Troubleshooting Fan Relay**

Lesson 12 :
Testing a Bad Honeywell General Purpose Relay and Taking Apart to See the Burn Marks

Lesson 13 :
General Purpose Switching Relays Mulitpurpose Relays Function Wiring Ratings Different Types

Lesson 14 : **Plenum Limit Switches Read the Temperature Ratings Properly Heat Tested**

Lesson 15 : **Pressure Switch Troubleshooting Explained**

Lesson 16 :
Contactors Explained and Tested Wiring Troubleshooting Problems Ratings and Visual Power Up

Lesson 17 : **TOP 10 Gas Furnace PRESSURE SWITCH Error Code Problems**

Lesson 18 : **Troubleshooting the Pressure Switch in a Gas Furnace**

Lesson 19 : **How the Gas Furnace Pressure Switch Works Testing**

Lesson 20 :
Troubleshooting the Fan Limit Control Switch on a Furnace Temperature Settings How it Works

Lesson 21 : **Compressor Overload Protector Testing How it Works**

Lesson 22 :
Refrigerator Compressor Not Running Test The Start Relay Overload Capacitor PTC Thermistor

Lesson 23 : **HVAC Thermal Limit Switches Safety Sensors Troubleshooting**

Lesson 24 : **HVACR Fan Switching Relay How it Works Voltage Terminals Troubleshooting**

Lesson 25 : **HVACR Fan Switching Relay How it Works Voltage Terminals Troubleshooting**

Lesson 26 : **HVACR Fan Switching Relay How it Works Voltage Terminals Troubleshooting**

Lesson 27 : **HVACR General Purpose Switching Relays How it Works Troubleshooting**

Lesson 28 : **HVACR General Purpose Switching Relays How it Works Troubleshooting**

Lesson 29 : **HVACR General Purpose Switching Relays How it Works Troubleshooting**

Lesson 30 : **Air Handler with Electric Strip Heating Operation and Troubleshooting**

Lesson 31 : **HVAC Current Sensing Relay Operation and Troubleshooting**

Lesson 32 : **Air Handler Blower FAN WON T TURN OFF 5 Reasons Why it Keeps Running**

Lesson 33 : **Quickly Testing Gas Furnace Safety Limit Switches**

Lesson 34 : **HVAC Electrical Switch Types Explained SPST SPDT DPST DPDT TPST TPDT**

Lesson 35 :
Teaching HVAC ELECTRICAL Wiring Components Troubleshooting to Students using a Training Board

Lesson 36 : **The Real Operation of a PRESSURE SWITCH in a GAS FURNACE Heater Also Testing**

Lesson 37 : **Electrical Troubleshooting Finding 8 Electrical Faults**

Lesson 38 : **Air Handler Heat Strips Not Working Fan Blower Won t Turn On Common Problems**

Lesson 39 : **Electric Expansion Valve EEV Operation and Testing HVAC Metering Device Training**

Lesson 40 : **HVAC Pressure Transducer Operation and Testing**

Lesson 41 : **Mini Split LOUVER MOTOR Operation and Testing How Stepper Motors Work**

Lesson 42 : **HVAC Teaching Projects Intro for Classrooms**

Lesson 43 : **HVAC CONTACTOR Operation Types Ratings Problems Testing**

Lesson 44 : **Gas Furnace Training Testing LED Status Error Codes for Carrier Bryant Payne**

Lesson 45 : **Automatic Air Vent Operation and Servicing on Hydronic Heat Boiler Systems**

Lesson 46 :
LEV EEV Electric Expansion Valve Operation and Troubleshooting HVAC Metering Devices

Lesson 47 : **Ice Cube Relay Operation HVAC Training**

Related courses

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