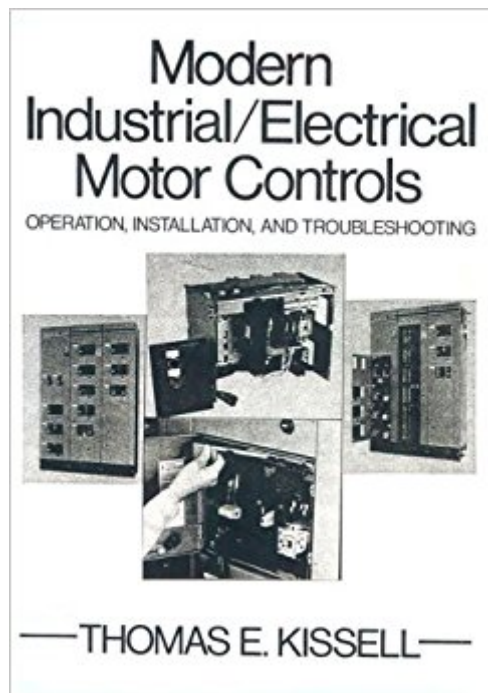




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Modern Industrial Electrical Motor Controls: Operation, Installation And Troubleshooting



Synopsis

Thorough coverage of the theory of operation, installation, and troubleshooting of motor controls and motors. Includes hundreds of pictures and diagrams pertaining to the operation and interfacing of motor controls.

Book Information

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Customer Reviews

Thorough coverage of the theory of operation, installation, and troubleshooting of motor controls and motors. Includes hundreds of pictures and diagrams pertaining to the operation and interfacing of motor controls.

"Thomas Kissell" has been a technical instructor and consultant in the field of industrial automation at Terra Community College in Fremont, Ohio for over twenty years. He has spent the majority of his career working directly with area industries, where he taught electricians and technicians directly on the factory floor. This training included installation, troubleshooting, and repair of major automation and motor control systems. The author has integrated this practical approach to troubleshooting and repair into this text, which includes the theory of operation of all traditional motor control components and circuits as well as state-of-the-art controls and control systems used with programmable controllers and robots. Over the years Thomas Kissell has worked directly with the following companies: Ford Motor Company, General Motors, Texas Instruments, Union Carbide, Libbey Owens Ford, American National Can Company, TRW, Whirlpool Inc., General Mills,

Campbell Soup Co., and Heinz USA. The author taught courses to technicians and engineers in these companies, and he was able to work side by side with some of the best electricians and electrical technicians in the world, troubleshooting their most complex problems. At these times, the author became their student, and they taught him the tricks and troubleshooting procedures that consistently located and repaired electrical problems. These procedures have been documented and are included in every chapter of this text. Thomas Kissell has written numerous other books, including "Understanding and Using Programmable Controllers; Motors, Controls and Circuits for Air Conditioning and Refrigeration Systems; Modern Industrial/Electrical Motor Controls; Electricity Fluid Power and Mechanical Systems for Industrial Maintenance; Electricity, Electronics and Control Systems for ITVAC; Industrial Electronics," 2nd ed.; and a lab manual for industrial electronics.

good

A very good overview of motor controls and diagrams needed to wire them. Good for beginners and intermediate users.

Dated information, but much of it still relevant

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