

Inverter control AC contactor





Overview

What are AC contactors used for?

AC contactors have a crucial role in electrical circuit systems. It helps in the effective control and management of electricity flow across various high-current demanding loads. It is widely used in operating HVAC, compressors, heavy-duty motors, and similar others.

What are the components of an AC contactor?

There are three main components of an AC contactor: 1. Coil or Electromagnet
The coil or electromagnet acts as a control switch. It is wound with a number of turns of insulated wire and can be energized by AC voltage or DC voltage.

What is inverter control?

As easily understood, almost all circuits for the Inverter Control function are integrated on a microcontroller chip. Especially, a microcontroller with PWM control IP (Intellectual Property) is one of the best solutions to do Inverter Control. This is the end of the brief explanation of Inverter Control.

How to choose an AC contactor?

Make sure the AC contactor holds credible certifications. CE and UL are some important certifications to consider. You can find such information on the manufacturer's product page. AC contactors are necessary control systems to regulate the flow of electricity in heavy electrical loads.



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High Voltage Contactor Control

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