

Inverter AC main contactor





Overview

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.

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.

What is AC contactor?

An AC contactor is an electromechanical switching device designed to switch AC loads on/off. It is used for switching high-current AC loads. The working principle of the AC contactor involves electromagnetic force cooperating with the spring force to make and break the connection between the source and load.

What are the different types of AC contactors?

AC contactors are mostly available in 3-pole and 4-pole versions. You can choose between them depending on the load type and control circuit requirements. For instance, 3-pole AC contactors are usable in three-phase systems, while 4-pole AC contactors can be used in 3 phase 4 wire system or 1 phase 2 wire system. 4. Lifespan



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3P599900000A , ABB

Cabinet built central inverter, IP42, cable lead through bottom entry and exit, AC output: Floating (IT) AC output AC main contactor, fuse switch, AC output overvoltage protection (varistors), AC output busbars, ...

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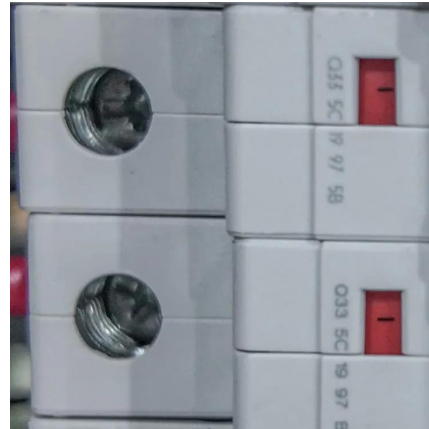
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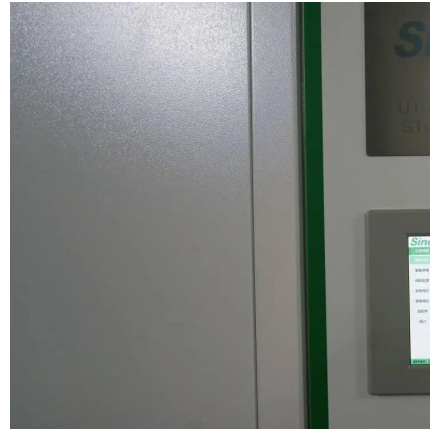




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