

E2 Motor Protector

CDS16 Intelligent Motor Protector



Selection Guide

Product name	Current specification	Control supply voltage U_s
CDS16	☐	☐
	100A: 1A~100A 400A: 100A~400A 800A: 400A~800A	220: AC220V 380: AC380V

Product features

- The CDS16 intelligent motor protector is suitable for the power supply circuit with AC 50 HZ and voltage below 380 V to form a motor control circuit with AC contactor and other switch circuits. When the main circuit of the motor is in abnormal working conditions such as phase failure, overload, locked rotor and the like, the contact of the switch can be disconnected in time, the three-phase power supply of the motor can be disconnected, and the motor can be reliably protected.
- With liquid crystal display current value, operation and fault status. It also has the functions of thermal memory, start overtime protection, split structure and panel installation. External transformer is not required for large current specification.

Technical parameters

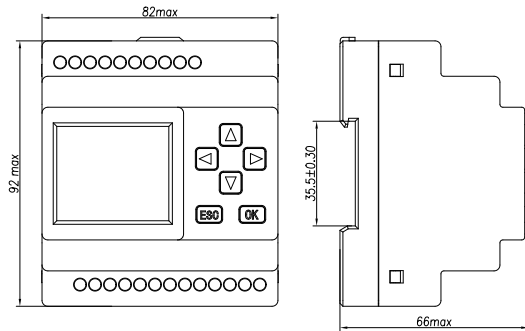
Working voltage and working current under the service category of auxiliary circuit	AC-15 U_e :AC220V I_e :0.47A	
Current specification	1A~100A, 100A~400A, 400A~800A	
Control supply voltage U_s	AC220V, AC380V	
Overload protection	When the actual working current of the motor is 1.05 times of the rated working current, the action protection time of the protector is more than or equal to 2h; when the actual working current rises by 1.2 times, the action protection time of the protector is less than 2h; When the actual working current rises by 1.5 times, the protection time of the protector is less than 2 min. When the actual working current of the motor is 7.2 times of the rated working current, the protection time of the protector is more than 2 s and less than or equal to 10 s.	
Trip level	10A	
Phase failure protection	Three-phase arbitrary phase-phase failure $\leq 3s$	
Mechanical life	Time	$\geq 1,000,000$
Electrical life	Time	$\geq 100,000$

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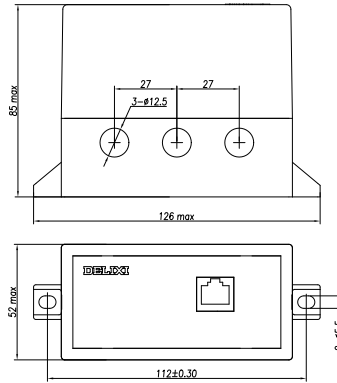
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Outline and installation dimension (mm)

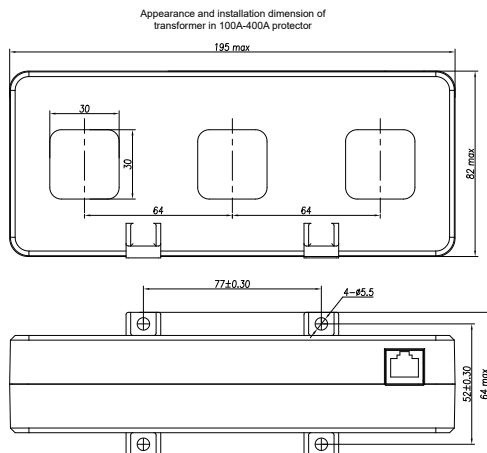
- Appearance and installation dimension of control relay in the protector



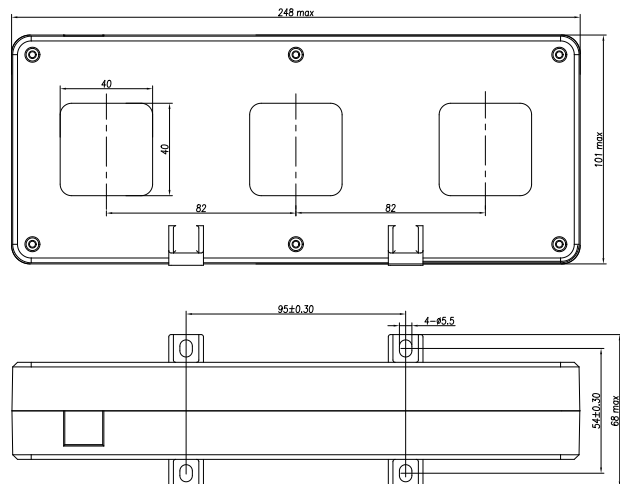
- Appearance and installation dimension of transformer in 1-100A protector



- Appearance and installation dimension of transformer in 100-400A protector



- Appearance and installation dimension of transformer in 400-800A protector



Wiring diagram

