

ZEST ELECTRIC

ZQ280(A) Series

Vector Frequency Inverter

Solar Inverter



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1 PRODUCT INTRODUCTION

The ZQ280(A) series of vector inverters are single-phase 220VAC and three-phase 220V/380V AC inverters launched by ZEST ELECTRIC based on the market demand of small power, small size and low cost.

2 INDUSTRY APPLICATIONS

Machine tools, packaging, chemical industry, transmission, fans and pumps, ceramic industry, woodworking machine...



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3 PRODUCT FEATURES

Superior performance

- Vector control
- Solar inverter MPPT control
- Strong EMC anti-interference capability

Reliable protection

- Overcurrent, Overvoltage, Overload, Default Phase, Short circuit Protection
- High flame retardant material

Various selection

- Simple PLC , Multi-stage speed operation
- Built-in PID
- Optional local or remote keyboard
- RS485, Built-in brake unit(ZQ280A only)

Stable output

- AVR function
- Constant output voltage

Small volume

- Small size, saving installation space

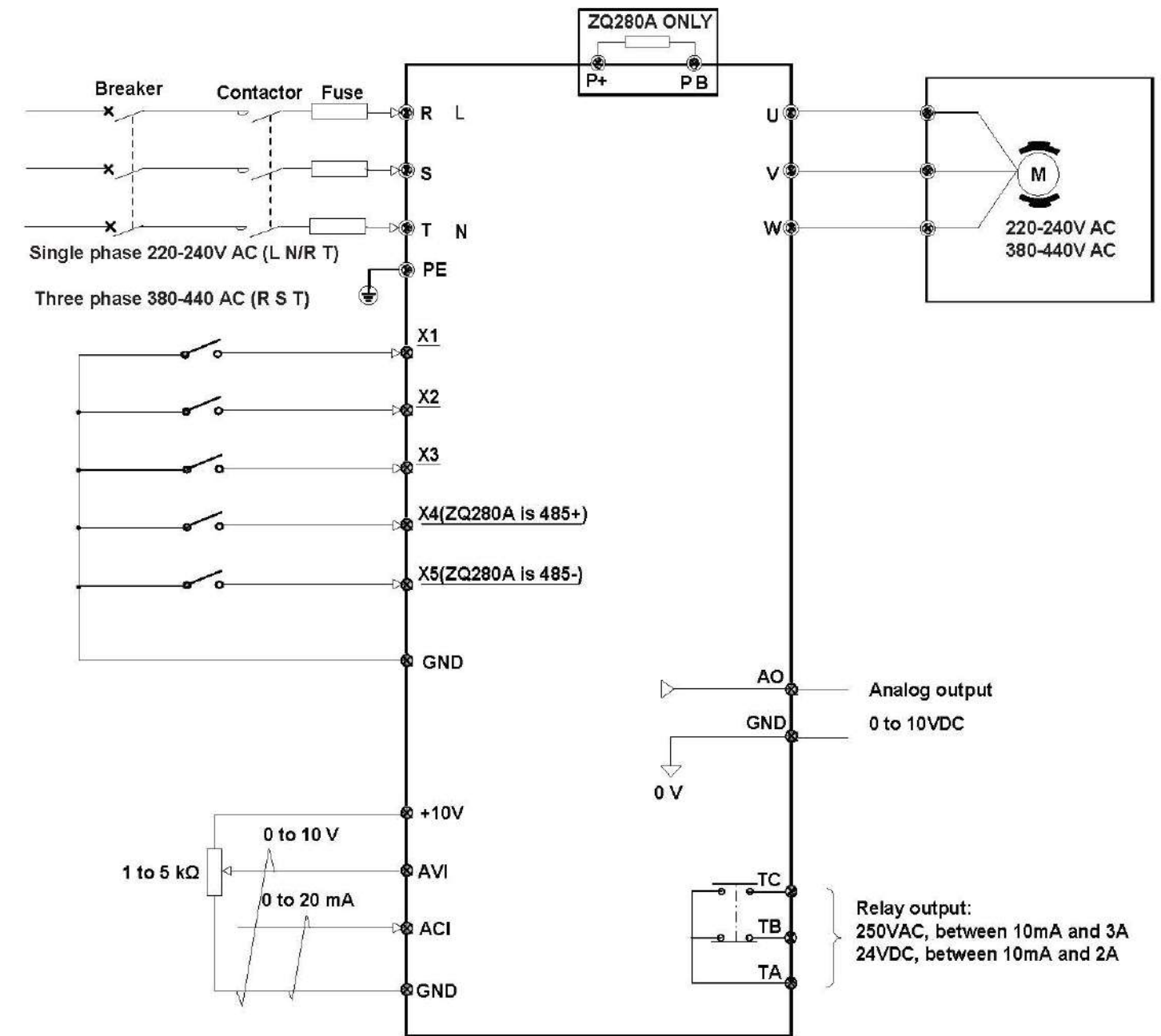
Low noise running

- Carrier frequency is continuously adjustable from 2 to 12 kHz

4 TYPE OF FREQUENCY INVERTER

Type	Power	Power Supply	Output Current
ZQ280(A)S0D4	0.4KW	Single phase 220-240V AC 50/60Hz	2.3
ZQ280(A)S0D7	0.75KW		4
ZQ280(A)S1D5	1.5KW		7
ZQ280(A)S2D2	2.2KW		9.5
ZQ280(A)S3D	3.0KW		13
ZQ280(A)T0D7	0.75KW	Three phase AC 380V-440V 50Hz/60Hz	2.5
ZQ280(A)T1D5	1.5KW		4.1
ZQ280(A)T2D2	2.2KW		5.8
ZQ280(A)T3D2	3.0KW		7.9
ZQ280(A)T4D	4.0KW		9.4
ZQ280(A)T5D5	5.5KW		12.6
ZQ280(A)T7D5	7.5KW		16.1

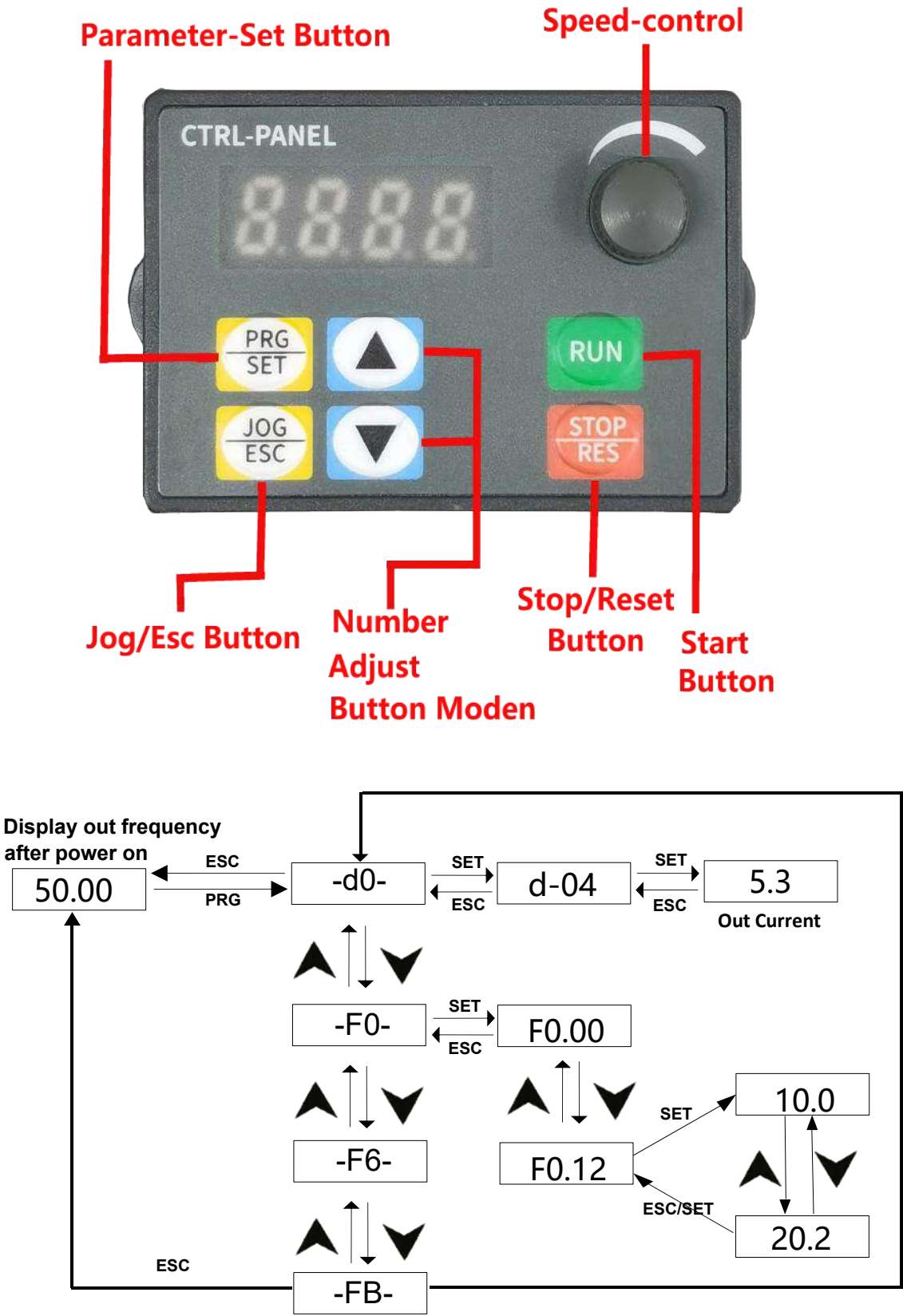
5 SYSTEM WIRING DIAGRAM



6 Product Parameters

Type	Power	Output Current	Product Size
ZQ280(A)S0D4	0.4KW	2.3	143.5*86*186.5mm
ZQ280(A)S0D7	0.75KW	4	
ZQ280(A)S1D5	1.5KW	7	
ZQ280(A)S2D2	2.2KW	9.5	
ZQ280(A)T0D7	0.75KW	2.5	143.5*86*186.5mm
ZQ280(A)T1D5	1.5KW	4.1	
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ZQ280(A)T3D2	3.0KW	7.9	
ZQ280(A)T4D	4.0KW	9.4	216.5*101*151
ZQ280(A)T5D5	5.5KW	12.6	
ZQ280(A)T7D5	7.5KW	16.1	

7 Keyboard Panel And Methods



8 OUR FACTORY



9 STRENGTH AND SERVICE



QUALITY ASSURANCE

We have carried out strict inspection of every part and product, trying to have no quality problems in the hands of customers.



GOOD SERVICE

Answer customer questions in time, and after-sales service engineers are on call 24 hours a day.

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PRICE ADVANTAGE

Factory direct sales, no middlemen price difference.



RICH EXPERIENCE

The products are sold to more than 20 provinces, cities and autonomous regions in China and exported to more than 30 countries and regions in the world.