



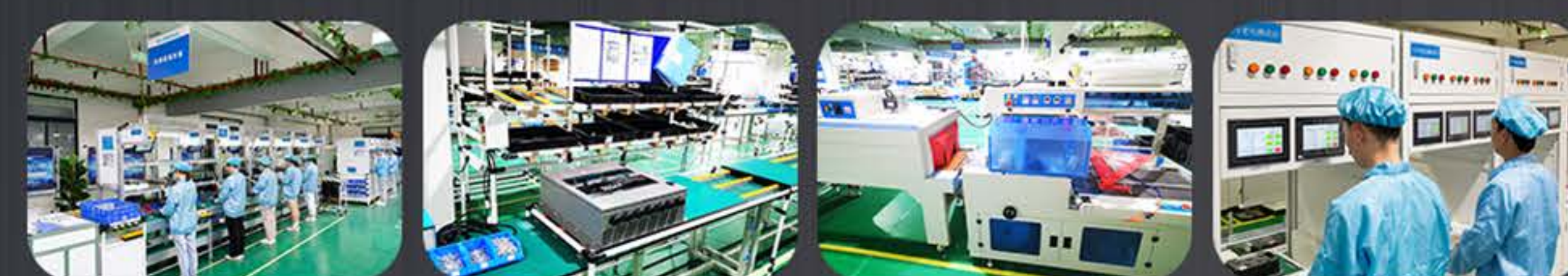
## ABOUT US



Shenzhen K-Easy Automation Co., Limited is a professional manufacturer, specialize in R&D And production of AC drives. We have built up a comprehensive product family. Frequency inverters' power covers the range from 0.4 to 630kW, and voltage range is between 220V and 480V. More than inverters are running smoothly 300,000 units at different industrial sites.



## COMPANY PROFILE



We believe "quality is life", so we will test all products before shipment, All Module of our VFD will be used quality is life with Infineon only. With years of persistence, the total failure ratio of Our frequency inverters has been controlled below 1%. We never lose a customer because of the quality problem;

With Strong R&D and Engineer Team, makes our after-service very easy, For all doubts and requesting for technologies supporting, We can offer detailed Solution without delay, so for us, "Not Only Products, But also solutions";

All our products will be offered with 24 months Warranty Period instead of 18 months;

Join us, enjoy the business.

## QUALIFICATION HONOR

(ISO9001 quality management system certification & CE certificate)



## SMART SOFT STARTER

Stable performance | Protection equipment

## NINE GUARANTEES

Better motor protection



Over voltage protection



Under voltage protection



Over current protection



Input phase loss protection



Output phase loss protection



Overload protection



Overheating protection



Three phase unbalance protection



Short circuit protection

## KSS90 SERIES Soft Starter



## CHROME PLATED COPPER INPUT AND OUTPUT TERMINALS

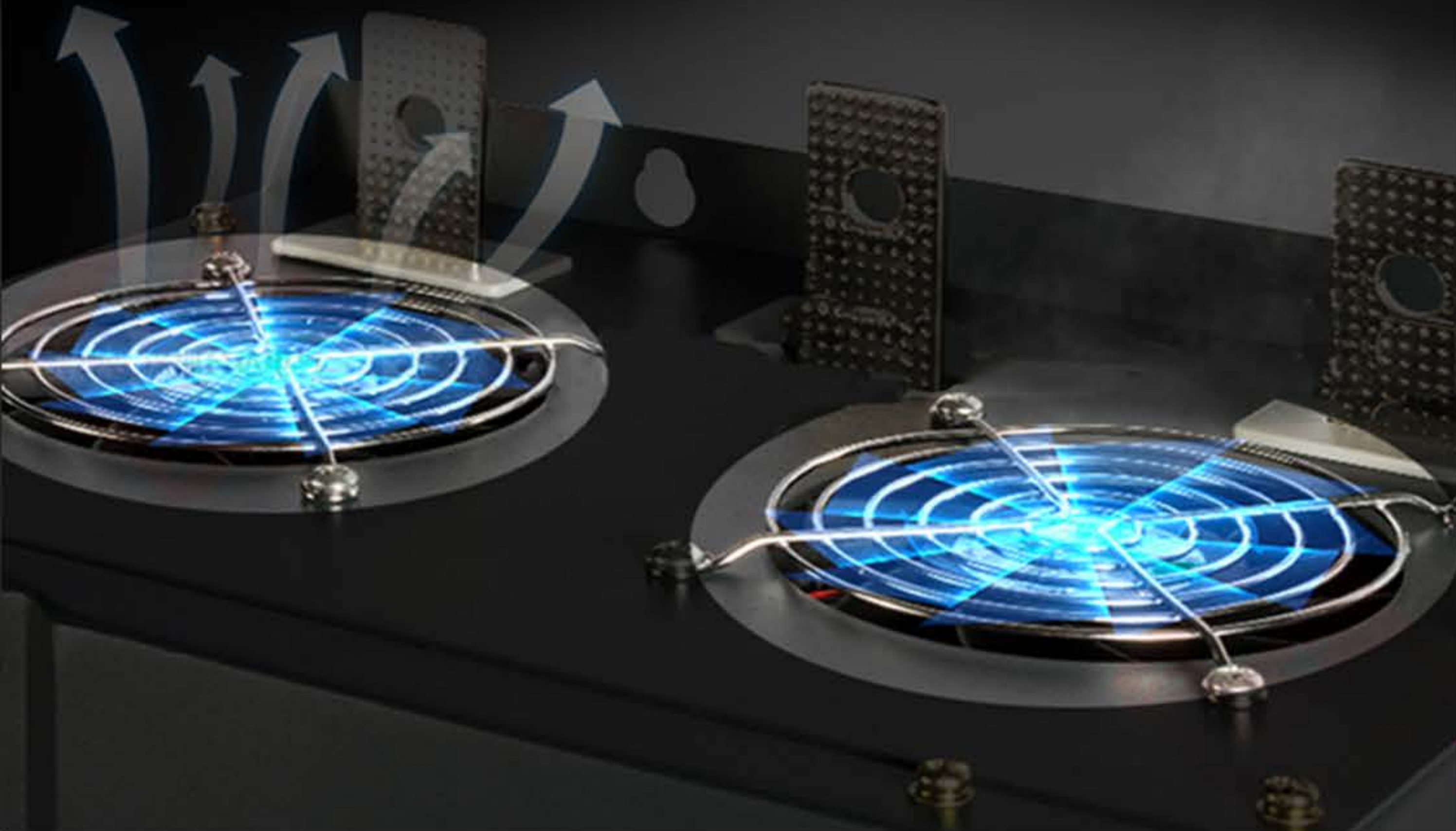
Thickened material, better conductivity





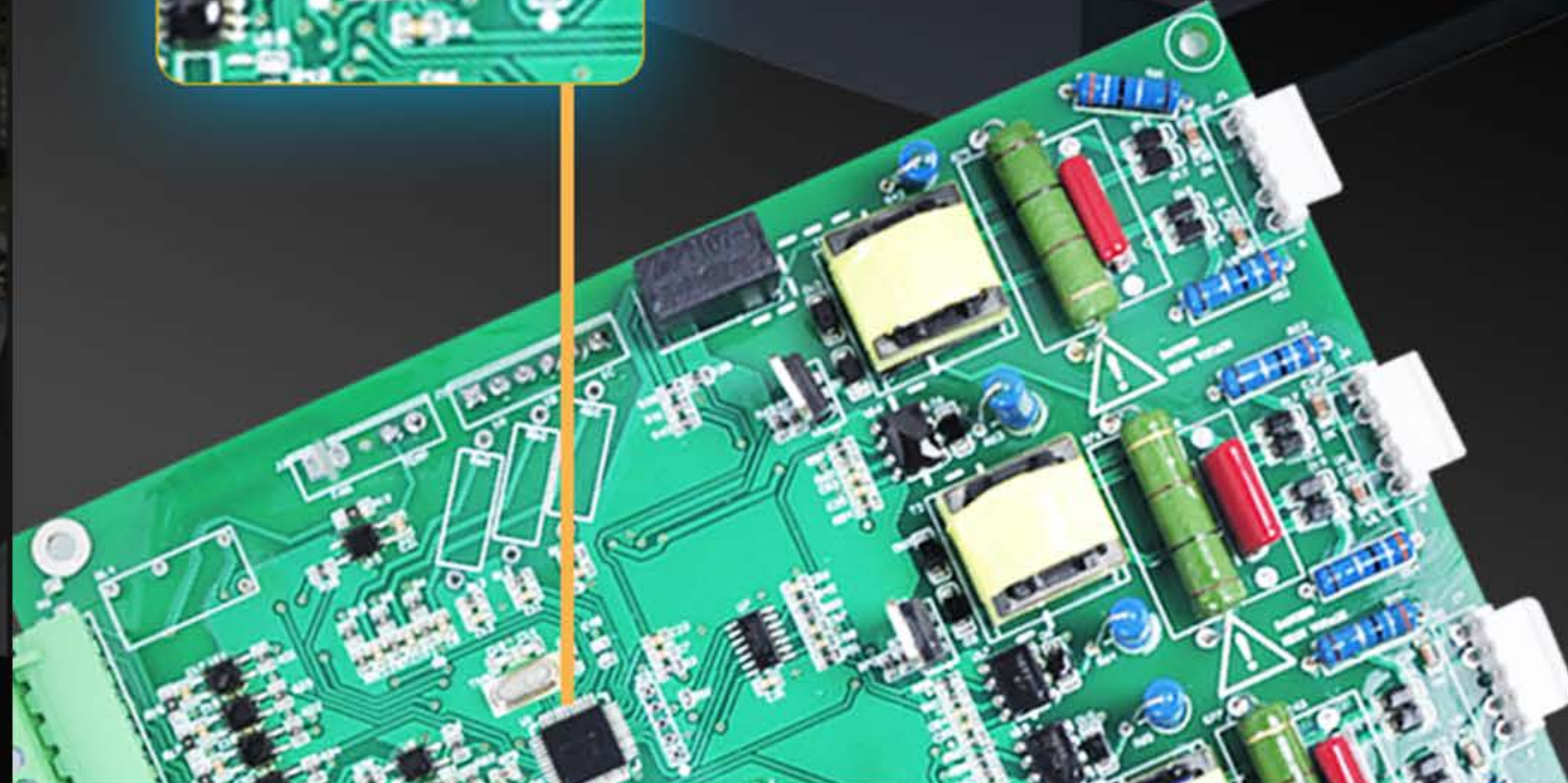
## TELL THE INTELLIGENT COOLING FAN

Effective heat dissipation to protect soft start and prolong service life



## RS485 & MODBUS STANDARD BUILT IN

Intelligent microcomputer integrated circuit board, fine workmanship, more stable and reliable performance!



## ROODUCT ADVANTAGE



Multimodal



Intelligent CPU



Quality components



Steady current



LCD screen

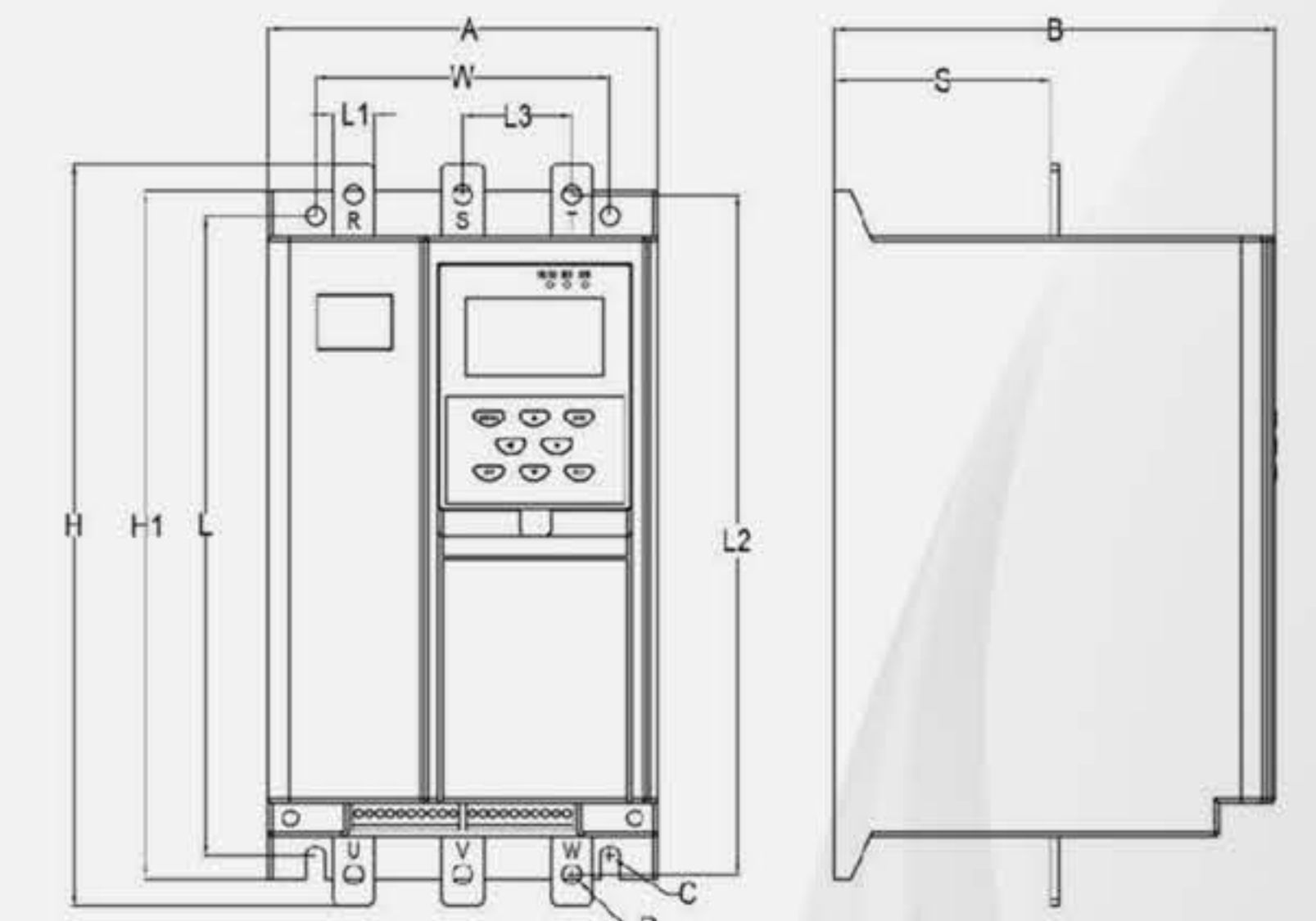


Simple installation

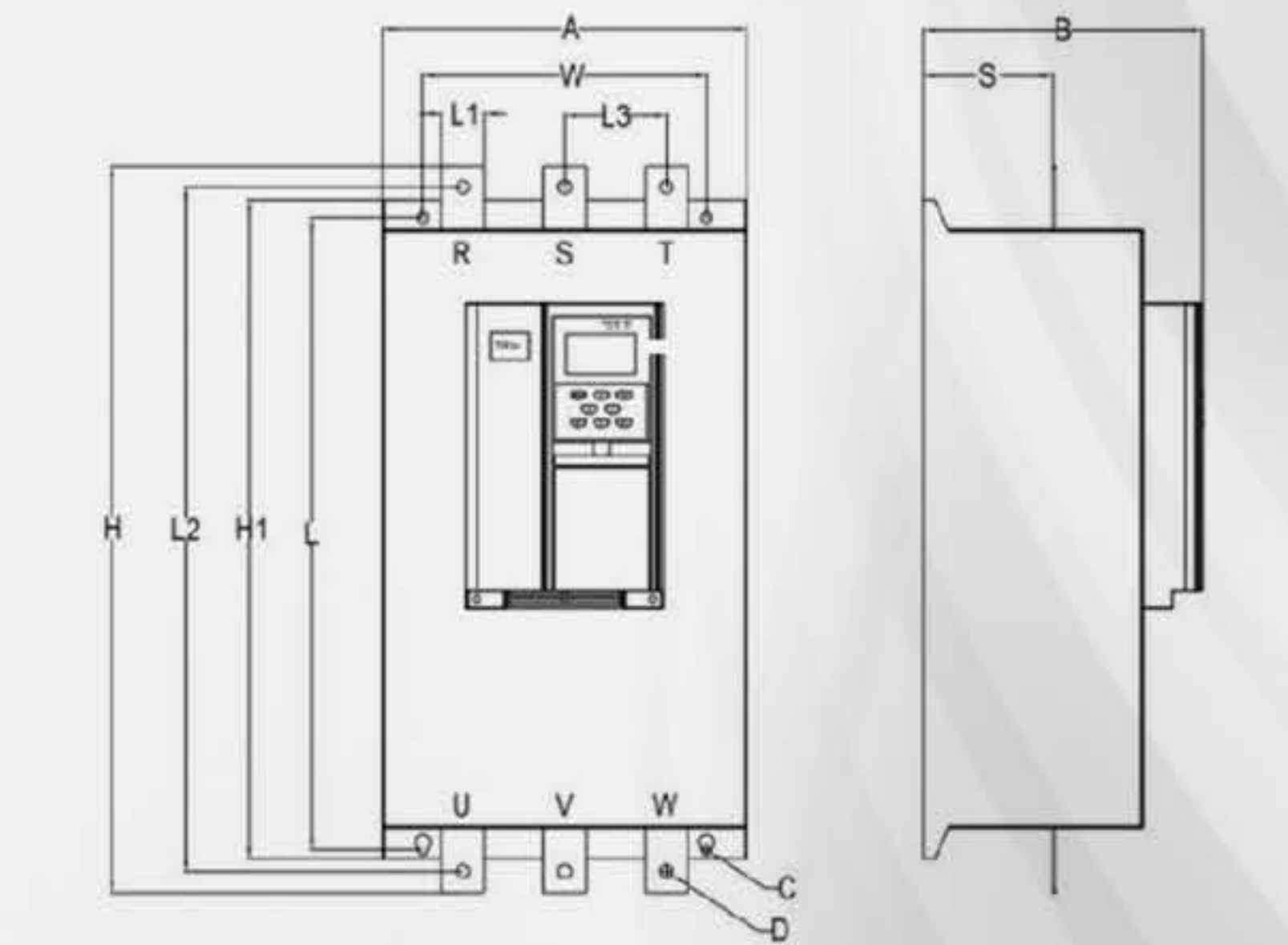
## WIDELY USED IN ALL WALKS OF LIFE

It can be widely used in fan, water pump, belt conveyor, ball mill, conveyor, compressor and other loads.

## PRODUCT SIZE



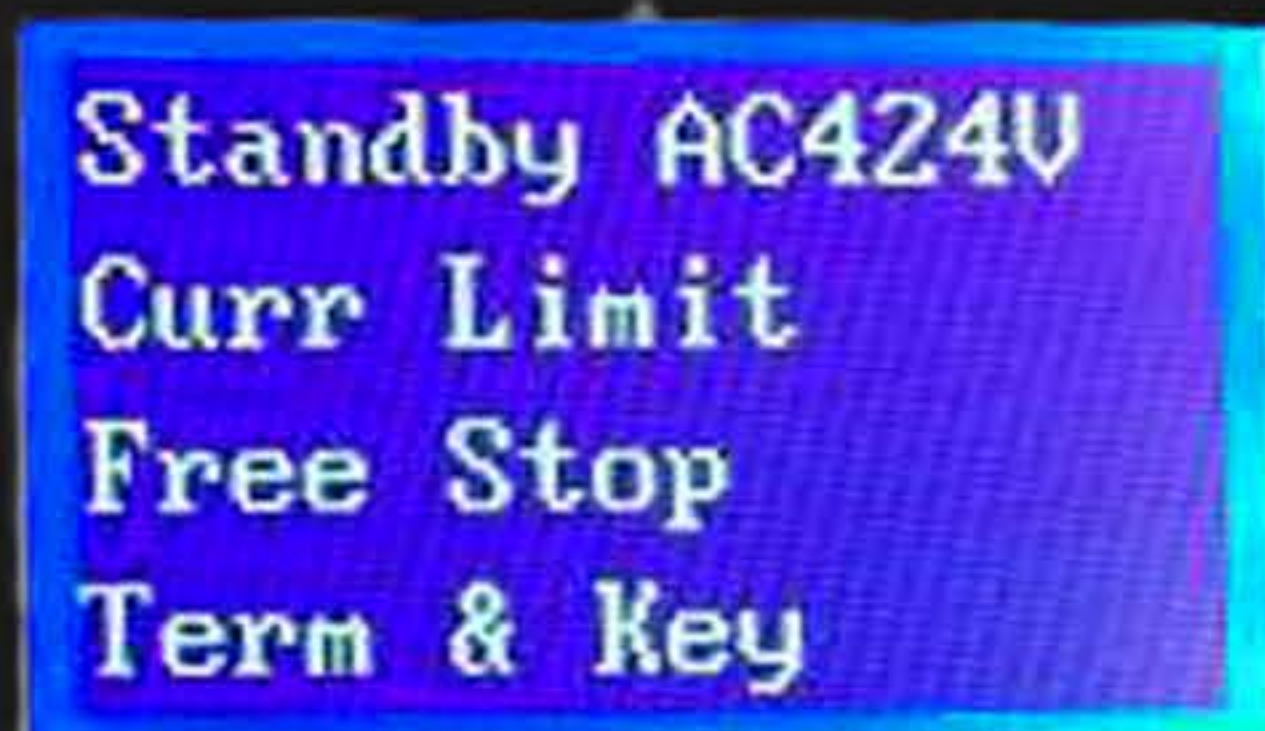
RR1 Outline and copper bar structure diagram



RR2-RR3 Outline and copper bar structure diagram

## STANDARD LCR KEYPAD

Control keyboard supports hot plug



After the parameters are set, the soft starter can be operated by external control mode without connecting to the control keyboard, or it can be plugged or unplugged in the running state, without affecting the normal use of the soft starter.

## MULTIPLE STARTING MODES

Adapt to various complex motor and load conditions  
Users can choose freely according to different situations

- JOG
- CURRENT LIMIT STARTING
- VOLTAGE CURRENT LIMITING STARTING
- VOLTAGE RAMP+CURRENT LIMITING START
- CURRENT RAMP START
- VOLTAGE RAMP START



Electric machinery



Water pump



Fan



Crusher



Air compressor



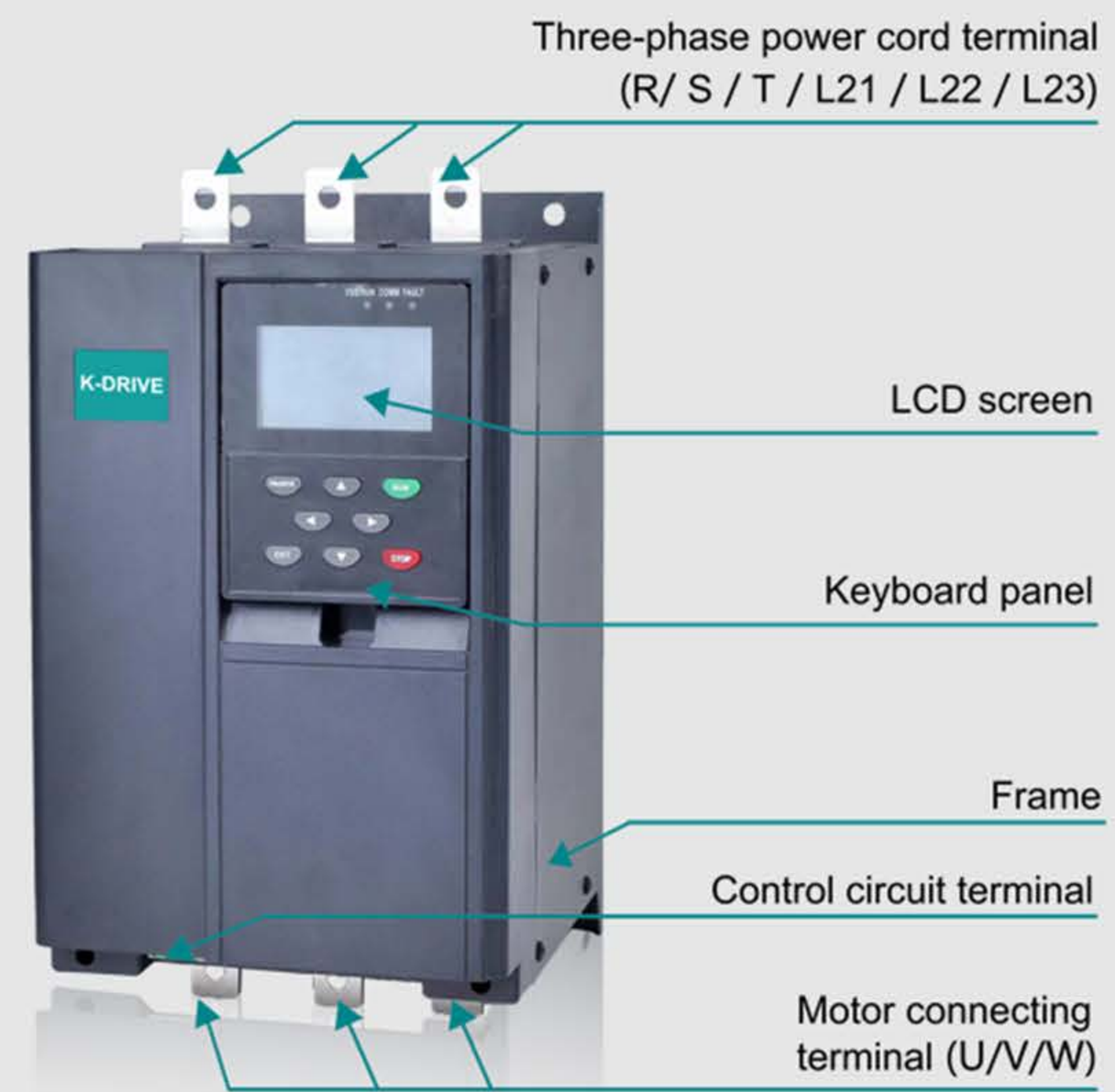
Conveyor



Model	Overall dimension (A×B×H×H1)	Mounting dimensions (W×L)	Mounting screws	Structure code	Remarks
KSS90-4T-015	185×210×348×325	140×305	M6	RR1	Plastic shell wall hang
KSS90-4T-022	185×210×348×325	140×305	M6	RR1	
KSS90-4T-030	185×210×348×325	140×305	M6	RR1	
KSS90-4T-037	185×210×348×325	140×305	M6	RR1	
KSS90-4T-045	185×210×348×325	140×305	M6	RR1	
KSS90-4T-055	185×210×348×325	140×305	M6	RR1	Metal wall hanging
KSS90-4T-075	300×250×605×560	215×536	M8	RR2	
KSS90-4T-090	300×250×605×560	215×536	M8	RR2	
KSS90-4T-110	300×250×605×560	215×536	M8	RR2	
KSS90-4T-132	300×250×605×560	215×536	M8	RR2	
KSS90-4T-160	300×250×605×560	215×536	M8	RR2	
KSS90-4T-185	300×250×605×560	215×536	M8	RR2	
KSS90-4T-200	340×260×661×615	265×590	M8	RR3	
KSS90-4T-250	340×260×661×615	265×590	M8	RR3	
KSS90-4T-280	340×260×661×615	265×590	M8	RR3	
KSS90-4T-320	340×260×661×615	265×590	M8	RR3	



# TERMINALS



# BASIC WIRING DIAGRAM

## BYPASS BUILT-IN SOFT STARTER CONNECT WAY

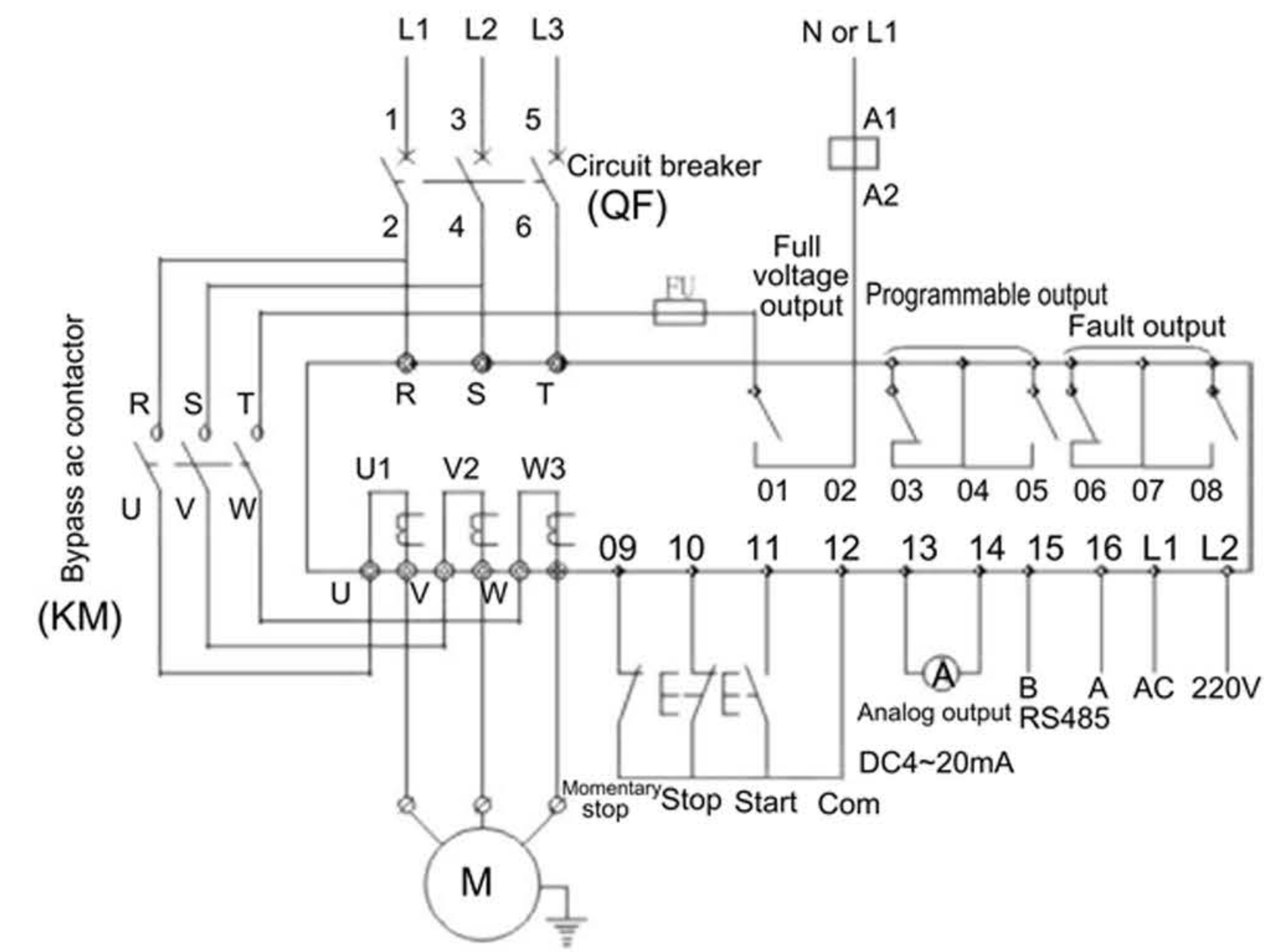


## OUTER BYPASS SOFT STARTER CONNECT WAY



# MAIN CIRCUIT CONNECTION DIAGRAM

## WITHOUT BYPASS CIRCUIT DIAGRAM



## BYPASS BUILT IN CIRCUIT DIAGRAM

