

Appearance and installation dimension

SR2(75KW-115KW)Installation Dimension

Specification Model	Rated Power (KW)	Rated Current (A)	Appearance Dimension			Installation Dimension			Net Weight (kg)
			H1	W1	D	H2	W2	G	
PT500-075G-3	75	150	350	206	198	313	160	M8	<20
PT500-090G-3	90	180	350	206	198	313	160	M8	<20
PT500-115G-3	115	230	350	206	198	313	160	M8	<20

SR3(132KW-200KW)Installation Dimension

Specification Model	Rated Power (KW)	Rated Current (A)	Appearance Dimension			Installation Dimension			Net Weight (kg)
			H1	W1	D	H2	W2	G	
PT500-132G-3	132	264	430	268	249	392	210	M9	<23
PT500-160G-3	160	320	430	268	249	392	210	M9	<23
PT500-185G-3	185	370	430	268	249	392	210	M9	<23
PT500-200G-3	200	400	430	268	249	392	210	M9	<23

SR4(250KW-400KW)Installation Dimension

Specification Model	Rated Power (KW)	Rated Current (A)	Appearance Dimension			Installation Dimension			Net Weight (kg)
			H1	W1	D	H2	W2	G	
PT500-250G-3	250	500	500	350	284	460	280	M9	<31
PT500-280G-3	280	560	500	350	284	460	280	M9	<31
PT500-320G-3	320	640	500	350	284	460	280	M9	<31
PT500-400G-3	400	800	500	350	284	460	280	M9	<31

Connection method and the external terminals

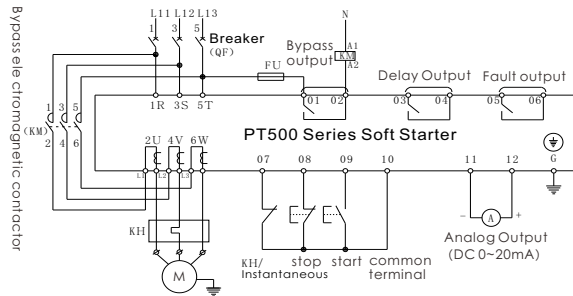
PT500 Series soft starter 3 kinds of wiring categories:

Main circuit wiring: Including three-phase power input and output to the motor wiring and line circuit breakers, bypass contactor wiring.

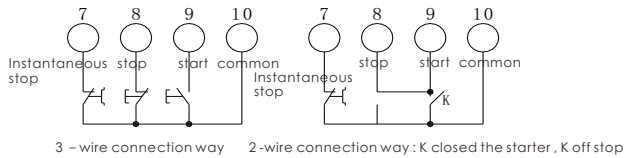
External Terminals wiring: By the 12 small terminals leads, including input and output control lines and analogue output signal line

Communications Wiring: A standard RJ-45 Network Cable socket and a DB9 socket Used to connect a computer network Weight

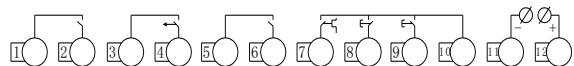
Main circuit wiring diagram



Terminal connection method



External terminal instructions

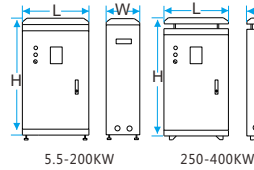


bypass output programme output Fault output Instantaneous stop start common DC0-20mAoutput

Soft starter control cabinet



Overall dimensions



Rated Power	Appearance Dimension (cm)		
	L	w	H
5.5-75KW	32.5	26.9	70
90-200KW	39	28.4	91
250-400KW	55	40	120

Application scene



- Iron and Steel Metallurgy
- Petroleum & Chemical
- Textile and Chemical Fiber
- Dyeing and Printing
- HVAC Services
- Building Water Supply
- Print and Package
- Mining Transport
- Building Materials
- Wire and Cable
- Food and Drug
- Fire & Security

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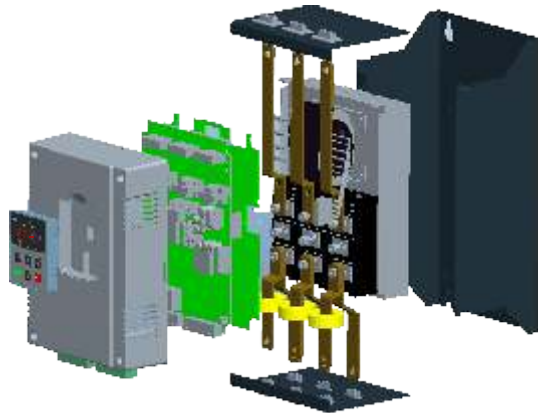
Marketing Services Enterprise



POWTECH PT500 SERIES SOFT STARTER



www.powtech.cn



PT500 Series intelligent motor soft starters is the integration of the latest theories of motor control motor protection technology and proprietary software technology and advanced new equipment for the motor to start early, triangle conversion, auto buck, buck, such as magnetron ideal alternative boot device.

Six start modes, lower the starting current
Comprehensive protection functions, reduce the starting stress



- Reducing the starting current of the motor effectively
- Reducing the start stress of motor and load device
- Solved the vibration problems of inertia system when in stop
- Six unique start mode
- Comprehensive and reliable protection
- Adapt to the rapid development of higher requirements of automation technology.

STRICT FACTORY INSPECTION, TO ENSURE PRODUCT QUALITY

National high-tech enterprise **PICC** underwriting product

The company strictly in accordance with ISO9001 international quality system standards, from the raw materials into the plant to processing strict testing methods are used for quality control, all the equipment in the factory are conducted 48 hours running tests to ensure pre-qualified rate of 100%.

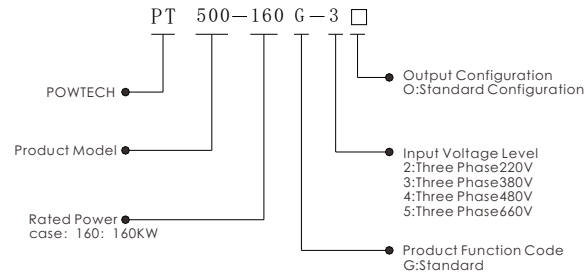
*Make control easier, Make running more stable,
 Make industry more efficient, Make life better*

Nameplate instructions

Soft starter Model	TYPE: PT500-160G-3
Power input specification	SOURCE: 3 ϕ 380V 50Hz/60Hz
Power output specification	OUTPUT: 160KW 320A 0.00~400.0Hz
Production number	P01001A00001

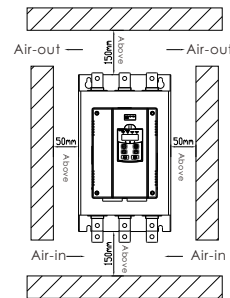
SHENZHEN POWTECH CO.,LTD
 HTTP://WWW.POWTECH.CN MADE IN SHENZHEN CHINA

Model description

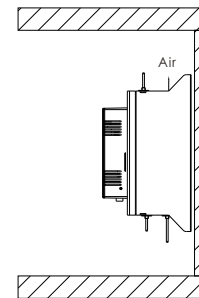


Installation requirements

To ensure the soft starter with good ventilation and cooling conditions in use, the soft starter should be mounted vertically, and leave enough space for heat dissipation around the equipment, shown in Figure 3.1, Figure 3.2, the figure is the minimum distance allowed.

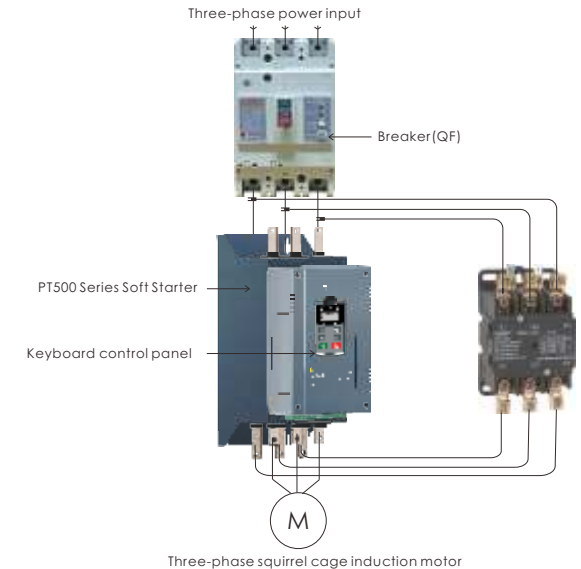


3.1



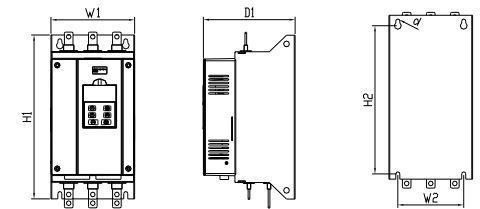
3.2

Wiring diagram



Note: The six copper output in the front of three to motor, then followed to three bypass contactor

Appearance and installation dimension



5R1(5.5kW-55kW) Installation Dimension

Specification Model	Rated Power (kW)	Rated Current (A)	Appearance Dimension			Installation Dimension			Weight (kg)
			H1	W1	D	H2	W2	a	
PT500-5R5G-3	5.5	11	282	146	162	247	129	M6	<3.5
PT500-7R5G-3	7.5	15	282	146	162	247	129	M6	<3.5
PT500-011G-3	11	22	282	146	160	255	115	M6	<3.5
PT500-015G-3	15	30	282	146	160	255	115	M6	<3.5
PT500-018G-3	18.5	37	282	146	160	255	115	M6	<3.5
PT500-022G-3	22	44	282	146	160	255	115	M6	<3.5
PT500-030G-3	30	60	282	146	160	255	115	M6	<3.5
PT500-037G-3	37	74	282	146	160	255	115	M6	<3.5
PT500-045G-3	45	90	282	146	160	255	115	M6	<3.5
PT500-055G-3	55	110	282	146	160	255	115	M6	<3.5