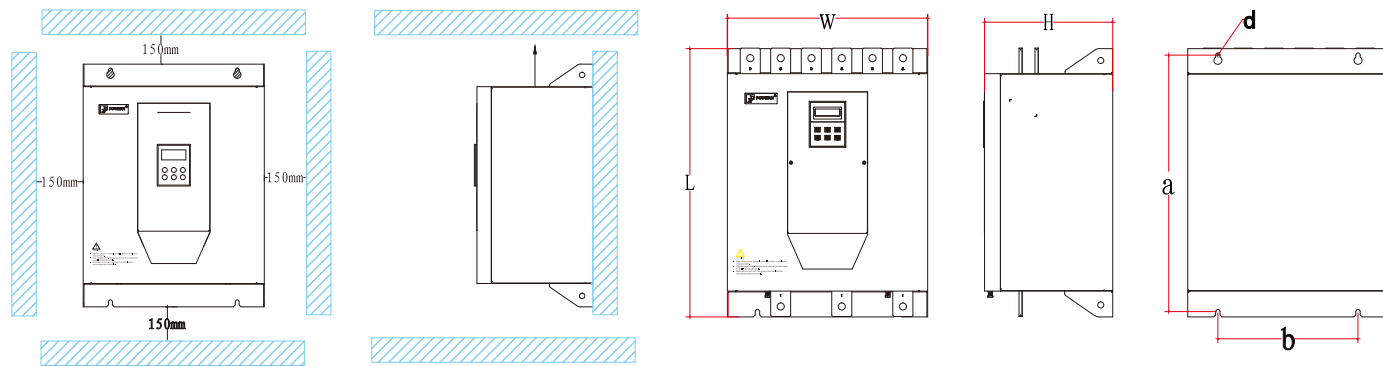


● Installation size



Product Specification	Rated Power (KW)	Rated Current (A)	Dimension (mm)			Installation Dimension (mm)			N.W(KG)
			L	W	H	a	b	d	
PR5300 132G3	132	260	563	440	320	530	280	11	40
PR5300 160G3	160	320	563	440	320	530	280	11	40
PR5300 187G3	187	370	563	440	320	530	280	11	40
PR5300 200G3	200	400	563	440	320	530	280	11	40
PR5300 250G3	250	500	563	440	320	530	280	11	49
PR5300 280G3	280	560	563	440	320	530	280	11	49
PR5300 320G3	320	630	563	440	320	530	280	11	49
PR5300 400G3	400	800	670	500	320	640	350	11	80
PR5300 450G3	450	900	670	500	320	640	350	11	80
PR5300 500G3	500	998	670	500	320	640	350	11	80

● Application field



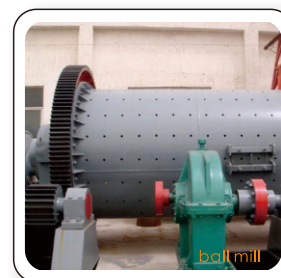
Blower



piston compressor



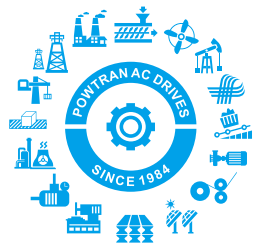
agitator



ball mill

Application: ball mill, blower, centrifugal pump, piston compressor, lifter, agitator, screw compressor, conveyor, light load motor, water pump.

Hotline: 0086-0755-29630738 



201605EV1.0



PR5300 series

Online intelligent motor soft starter



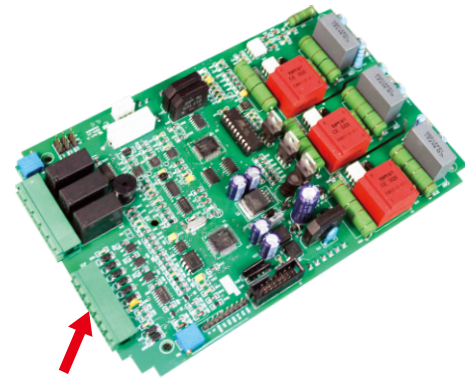
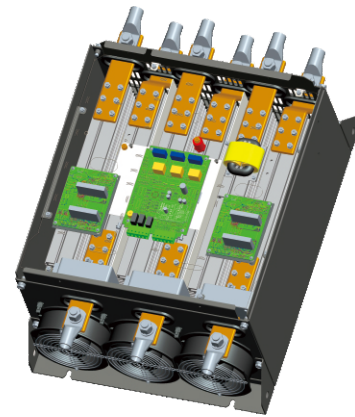
PR5300series intelligent motor soft starter is the new equipment with the latest motor control theory and proprietary protection technology and updated software technology, which is an ideal replacement of the motor starting early star/triangle conversion, auto voltage step-down and magnetic control .It has better performance than the normal soft starter which do not use intelligent control technology on the current market. PR5300 series soft starter is the new device with the function of the motor starter and online operation control

www.powtran.com
Email:info@powtran.com

● Professional design

Protection function

- Protect both the motor and soft starter timely while starting, and protect the motor online in operation;
- Provide 16 protection functions, no need to install any other protectors, which would help you reduce equipment investment cost;



- Pluggable second terminal, make the wiring and maintenance easier for users.

Complete Parameter setting, newly updated software

- Newly increased current and voltage setting function, displayed value can be calibrated directly;
- Newly increased interval delay parameter, to avoid the motors being damaged by frequency start;

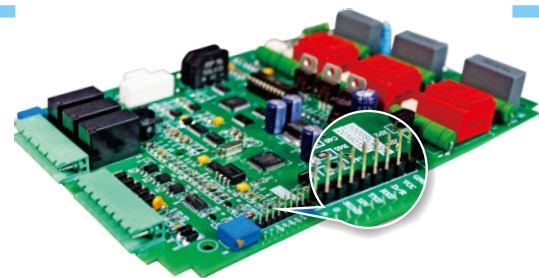
Multinational language humanized keyboard display

- Multinational language display available, to show the parameters, state of the product, easy to operate, debug and service for users;
- Customized display interface attainable according to the special need of customers.



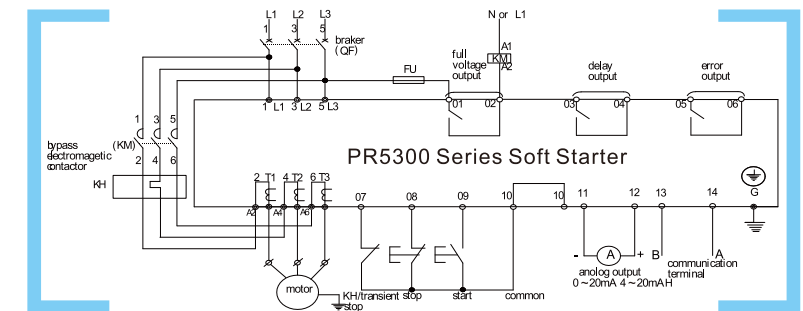
Communication function

- Built-in RS485 communication module, to realize the combined network communication;
- Convenient for remote debug and control to users.



3 input and 6 output soft starter on-line operation control

- After running of the soft starter, it can choose SCR work online, do not need to add the bypass contactor, greatly reduce the user cost



● Performance indicators

Mains power supply: self-provided power plant, diesel generating sets three-phase ac 380 v + 10%, 50 hz or 60 hz, the power supply capacity must meet with the requirements of soft starter on motor starting.

For motor: squirrel-cage three-phase asynchronous motor, the motor rated power should be matched with soft starter rated power.

Starting frequency: there is no requirement, depending on the load.

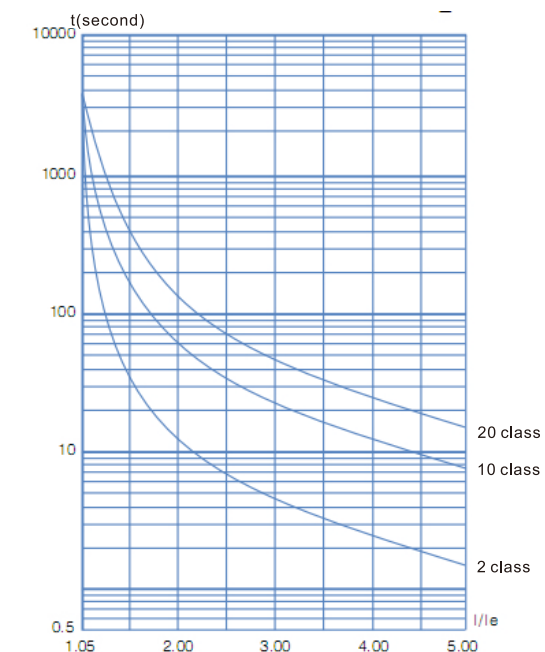
Cooling: forced air cooling.

Environmental conditions : When select on-line operation, it won't reduce capacity when under 1000m altitude, each additional 100m will reduce 0.5% capacity according to the rated current.

Ambient temperature : Storage , -25° C to 70° C; Run, Up to 60° C; 0~40° C won't reduce the capacity , when rising above 40° C, each degree rise in temperature will reduce 2% capacity according to the rated current.

● The motor thermal protection tripping time curve

According to standard IEC60947-4-2 motor thermal protection tripping time curve is as follows



Protection tripping time curve (thermal state)