



- **Name : POWTRAN PR5200 Motor Soft Starter**

- Power range : 5.5KW~400KW

Voltage level : 3-phase 380V-460V

### **Description**

#### **Detail introduction:**

PR5200 series motor soft starter is a new product designed by Powtran in order to solve the motor smooth start and stop, it is an important part of "comprehensive solution for motor control"

It is better cost-effective solutions even motor control in the case without speed regulated.

#### **Technical features:**

-5 start modes: including Voltage slope startup mode, current limit startup mode, trip and current limit startup mode, trip and increase voltage startup mode; current slope startup mode and double close-loop startup model

-Stop mode: voltage slop soft stop, free stop

-The main circuit adopts three into six out stages, achieving automatic monitoring

-5 simple PLC function : delay start, interlock control, fault contact output, start time ,stop time

-Different kinds of protection: over current, over load, input output phase lost, over heat, to insure the safety of the equipment and motor

-3 groups of relay output and 1 group of analog output

-Automatic identification of phase sequence and phase sequence protection

-Special compact design

-Product Reliability

**Capacity range:**

Power range: 5.5~ 600kw

Voltage : 3-phase /380v/460v/575v

**Size:**

| model           | voltage | power | current | keyboard | Net weight | shape       | installation Dimension |
|-----------------|---------|-------|---------|----------|------------|-------------|------------------------|
|                 | (V)     | (KW)  | (A)     | model    | (kg)       | L/W/H(mm)   | a/b/d(mm)              |
| PR5200<br>5R5G3 | 380     | 5.5   | 11      | PR5200   | <3.5       | 288/146/159 | 270/115/Φ8             |
| PR5200<br>7R5G3 | 380     | 7.5   | 15      | PR5200   |            |             |                        |
| PR5200<br>011G3 | 380     | 11    | 22      | PR5200   |            |             |                        |
| PR5200<br>015G3 | 380     | 15    | 30      | PR5200   |            |             |                        |
| PR5200<br>018G3 | 380     | 18.5  | 37      | PR5200   |            |             |                        |
| PR5200<br>022G3 | 380     | 22    | 44      | PR5200   |            |             |                        |
| PR5200<br>030G3 | 380     | 30    | 60      | PR5200   |            |             |                        |
| PR5200<br>037G3 | 380     | 37    | 74      | PR5200   |            |             |                        |

|                 |     |     |     |        |     |             |            |
|-----------------|-----|-----|-----|--------|-----|-------------|------------|
| PR5200<br>045G3 | 380 | 45  | 90  | PR5200 |     |             |            |
| PR5200<br>055G3 | 380 | 55  | 110 | PR5200 |     |             |            |
| PR5200<br>075G3 | 380 | 75  | 150 | PR5200 | <20 | 350/206/210 | 330/160/Φ9 |
| PR5200<br>090G3 | 380 | 90  | 180 | PR5200 |     |             |            |
| PR5200<br>115G3 | 380 | 115 | 230 | PR5200 |     |             |            |
| PR5200<br>132G3 | 380 | 132 | 264 | PR5200 | <23 | 420/256/250 | 400/210/Φ9 |
| PR5200<br>160G3 | 380 | 160 | 320 | PR5200 |     |             |            |
| PR5200<br>185G3 | 380 | 185 | 370 | PR5200 |     |             |            |
| PR5200<br>200G3 | 380 | 200 | 400 | PR5200 |     |             |            |
| PR5200<br>250G3 | 380 | 250 | 500 | PR5200 | <31 | 490/360/290 | 465/290/Φ9 |
| PR5200<br>280G3 | 380 | 280 | 560 | PR5200 |     |             |            |
| PR5200<br>320G3 | 380 | 320 | 640 | PR5200 |     |             |            |
| PR5200<br>400G3 | 380 | 400 | 800 | PR5200 |     |             |            |