

## PRS series

## SOFT STARTER 15KW to 400KW

PRS2 series Soft Starter is original structure, small volume, reliable performance, convenience for installation, easy operation and use. Three reverse-parallel connection SCR modules are adopted as power element. The soft starter can pick up synchronization signal from input voltage sampling, and realize feedback fuzzy control by output current sampling, trace the phase automatically and control phase displacement angle. Voltage can thus be increased step by step, and startup current will be under control. After startup, the bypass contactor will short-circuit the SCR. The motor will finally be driven into the electricity network for operation, applied for fan, water pump, ball mill, compressor, crusher, conveying machines and so on.

### Main Features

- ※ Adopt 16-digit SCM, full digital automatic control
- ※ Main circuit connection is 3-inlet & 6-outlet, realizing online protection
- ※ Thyristor module made by Japan Sanrex Corporation, and CPU with chip supplied by Philips Corporation
- ※ The starting torque current, voltage and time can be set flexibly according to different loads.
- ※ Soft stop character
- ※ Protections against over current, over load, power failure and so on.
- ※ Convenient external control interfaces has multi-functions: digital time-delay starting control, soft-stop control input, starting delay relay output, fault relay output, etc.
- ※ Can identify the phase sequence.
- ※ The time of soft stop is adjustable.
- ※ With standard RS232/RS485 interface.

### Product List:

Model	Applicable Motor Power	Product Size (L*W*H)CM	G.W/C (KG)
PRS2015	15KW	27x14.5x16.5	4.57
PRS2022	22KW	27x14.5x16.5	4.57
PRS2030	30KW	27x14.5x16.5	4.57
PRS2037	37KW	27x14.5x16.5	4.57
PRS2045	45KW	27x14.5x16.5	5.36
PRS2055	55KW	27x14.5x16.5	5.36
PRS2075	75KW	27x14.5x16.5	10.93
PRS2090	90KW	38.5x26x24	21.76
PRS2110	110KW	38.5x26x24	21.76
PRS2132	132KW	38.5x26x24	21.76
PRS2160	160KW	38.5x26x24	21.76
PRS2200	200KW	38.5x26x24	21.76
PRS2250	250KW	44.5x29x26.5	32
PRS2320	320KW	44.5x29x26.5	32
PRS2400	400KW	44.5x29x26.5	32
PRS2500	500KW	44.5x29x26.5	32

