

Electronic Soft Starters SIRIUS 3RW30

For soft machine start-up and reduced mechanical stress



They protect the machine's mechanical power-transmitting elements during start-up through reduction of the starting torque and efficiently guard the network against excessive inrush peaks through reduced power input: the electronic soft starters 3RW30. Switchover current or torque peaks typical of star-delta starters are reliably excluded.

Advantages at a glance:

- Optimum adjustment to the drive application through separate potentiometers for starting voltage (40...100%) and start-up time up to 20 sec.
- Minimum power loss through integrated bypass contacts after start-up completion
- Up to 70% space savings in the control cabinet compared to star-delta combination
- Reduced mounting costs and wiring through simple 4-wire motor supply line

SIRIUS

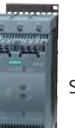
Answers for Industry

SIEMENS

Strong partners for industry and trade

3RW30 soft starters for standard applications

Ambient temperature 40 °C

Rated operating voltage U _e	Rated operating current I _e	Rated power of three-phase motors with rated operating voltage U _e		Size	Width	Order No.
		... kW at 230V	... kW at 400V			
V	A					
Soft starters for simple start-up conditions and high switching frequencies						
200 ... 400	3	0.55	1.1		22.5 mm	3RW30 03-□CB□4
Soft starters for three-phase asynchronous motors						
200 ... 480	3.6	0.75	1.5	S00	45 mm	3RW30 13-□BB□4
	6.5	1.5	3	S00	45 mm	3RW30 14-□BB□4
	9	2.2	4	S00	45 mm	3RW30 16-□BB□4
	12.5	3	5.5	S00	45 mm	3RW30 17-□BB□4
	17.6	4	7.5	S00	45 mm	3RW30 18-□BB□4
	25	5.5	11	S0	45 mm	3RW30 26-□BB□4
	32	7.5	15	S0	45 mm	3RW30 27-□BB□4
	38	11	18.5	S0	45 mm	3RW30 28-□BB□4
	45	11	22	S2	55 mm	3RW30 36-□BB□4
	63	18.5	30	S2	55 mm	3RW30 37-□BB□4
	72	22	37	S2	55 mm	3RW30 38-□BB□4
	80	22	45	S3	70 mm	3RW30 46-□BB□4
	106	30	55	S3	70 mm	3RW30 47-□BB□4

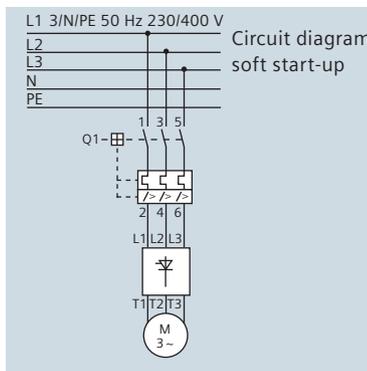
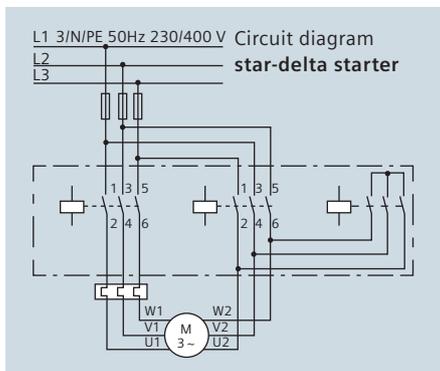
□ = Order No. supplement for connection type:

with screw-type terminals 1
with spring-loaded terminals * 2

□ = Order No. supplement for rated control supply voltage U_s:

AC/DC 24 V 0
AC/DC 110 ... 230 V 1

*Control connections consistently in spring-loaded technology, main connections only with devices up to S0



Typical application areas:

- Ventilators, fans, blowers
- Hydraulic pumps
- Vacuum pumps
- Piston and screw compressors
- Machines with belt drive

For optimum soft start-up and ramp-down as well as integrated motor overload and intrinsic device protection, settable current limiting and integrated remote reset, we recommend our SIRIUS 3RW40 electronic soft starter.

The complete range of softstarters and accessories is available on the Internet at www.siemens.com/softstarter and in the IC10 catalogue.

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