

The New Prewired Motor Starters

Up and running, quickly and safely



For multiple applications, encompassing innovative advantages right from the start: Pre-wired and tested, our ready-to-use motor starters facilitate considerable time savings as only one supply line and the motor feeder have to be connected, which reduces faults.

Functions and highlights at a glance:

- Easy mounting thanks to pre-wiring
- Lockable main control/EMERGENCY-STOP switch
- Short-circuit, motor overload and intrinsic device protection
- On-site or remote control via floating contact (e.g. pushbutton, level switch, PLC or LOGO)
- High degree of protection IP54

Application areas

- Water pumps
- Compressors
- Conveyor belts
- Fans, blowers
- Heat pumps

SIRIUS

Answers for industry.

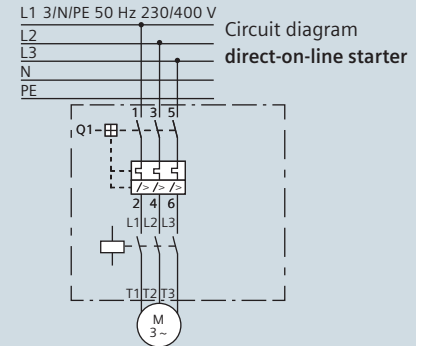
SIEMENS

Strong Partner for Industry and Trade

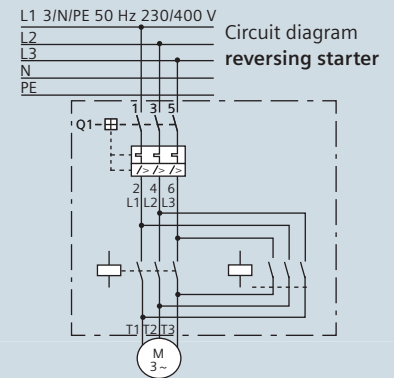
SIRIUS MCU

- Manual-0-automatic switchover
- Selector switch for ON/OFF
- Control voltage 230 V AC
- Mains voltage 3 x 400 V / 50 Hz + N + PE
- Ambient temperature 0 ... 25 °C
- Dimensions: W x H x D 180 x 180 x 145 mm; IP54

Rated operating current	Rated operating power of three-phase motors with 400 V	Version	Order number
Direct-on-line starters			
0.7...1 A	0.25 kW	Plastic enclosure	3RK4353 -3CR58 -0BA0
0.9...1.25 A	0.37 kW	Plastic enclosure	3RK4353 -3DR58 -0BA0
1.1...1.6 A	0.55 kW	Plastic enclosure	3RK4353 -3ER58 -0BA0
1.4...2 A	0.75 kW	Plastic enclosure	3RK4353 -3FR58 -0BA0
2.2...3.2 A	1.1 kW	Plastic enclosure	3RK4353 -3HR58 -0BA0
2.8...4 A	1.5 kW	Plastic enclosure	3RK4353 -3JR58 -0BA0
4.5...6.3 A	2.2 kW	Plastic enclosure	3RK4353 -3LR58 -0BA0
5.5...8 A	3 kW	Plastic enclosure	3RK4353 -3MR58 -0BA0
7...10 A	4 kW	Plastic enclosure	3RK4353 -3NR58 -0BA0
9...12 A	5.5 kW	Plastic enclosure	3RK4353 -3PR58 -0BA0



Reversing starters			
0.7...1 A	0.25 kW	Plastic enclosure	3RK4353 -3CR58 -1BA0
0.9...1.25 A	0.37 kW	Plastic enclosure	3RK4353 -3DR58 -1BA0
1.1...1.6 A	0.55 kW	Plastic enclosure	3RK4353 -3ER58 -1BA0
1.4...2 A	0.75 kW	Plastic enclosure	3RK4353 -3FR58 -1BA0
2.2...3.2 A	1.1 kW	Plastic enclosure	3RK4353 -3HR58 -1BA0
2.8...4 A	1.5 kW	Plastic enclosure	3RK4353 -3JR58 -1BA0
4.5...6.3 A	2.2 kW	Plastic enclosure	3RK4353 -3LR58 -1BA0
5.5...8 A	3 kW	Plastic enclosure	3RK4353 -3MR58 -1BA0
7...10 A	4 kW	Plastic enclosure	3RK4353 -3NR58 -1BA0
9...12 A	5.5 kW	Plastic enclosure	3RK4353 -3PR58 -1BA0



Soft starters

Replacement for direct-on-line and star-delta starters for reducing starting current peaks and torque surges during motor start-up

- Optimum adjustability thanks to variable soft start and soft stop via voltage ramp (starting voltage 40...100 %, start-up and ramp-down time 0...20 sec)

- Optional manual, automatic or remote reset after motor overload

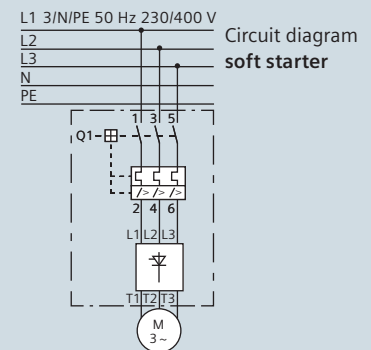
- Integrated bypass after start-up completion

- Adjustable current limiting for motor start-up

- With undervoltage release

- Control voltage 230 V AC
- Mains voltage 3 x 400 V / 50 Hz + N + PE
- Ambient temperature 0 ... 25 °C
- Dimensions: W x H x D 180 x 250 x 260 mm (plastic); 145 x 300 x 300 (metal); IP54

12.5 A	5.5 kW	Plastic enclosure	8PV5051 -1BA10
25 A	11 kW	Plastic enclosure	8PV5051 -1BA11
32 A	15 kW	Metal enclosure	8PV5051 -1BA20
38 A	18.5 kW	Metal enclosure	8PV5051 -1BA21



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ESST-EOL-MS2/B-15,0KW SIVACON MCU
SANFTSTARTER 32A,
15,0KW TUERDREHANTRIEB ROT/GELB

Abbildung ähnlich

Weitere Informationen:

Information- and Downloadcenter (Kataloge, Broschüren,...)

<http://www.siemens.de/lowvoltage/kataloge>

Global Industry Mall (Online-Bestellsystem)

<http://www.siemens.de/lowvoltage/mall>

Service&Support (Handbücher, Betriebsanleitungen, Zertifikate, Kennlinien, FAQs,...)

<http://support.automation.siemens.com/WW/view/de/8PV5051-1BA20/all>

Bilddatenbank (Produktfotos, 2D-Maßzeichnungen, 3D-Modelle, Geräteschaltpläne, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=8PV5051-1BA20

letzte Änderung:

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