

## Soft Starters by Siemens

### Compact and functional two and three-phase units

Worldwide Electric offers the Siemens 3RW family of compact soft starters. Each 3RW model allows for easy control of starting current and torque, tailored to your specific application needs. These starters provide power to the motor gradually and efficiently, enabling it to safely and reliably accelerate to full speed. As one of the leading technologies for simplified motor control in industrial applications.



3RW50 shown with optional accessories

#### SIRIUS 3RW52

- Three-phase operation
- 7.5 - 400 hp, 480 Vac

#### SIRIUS 3RW50

- Two-phase operation
- 100 - 400 hp, 480 Vac
- ATEX/IECEx certification

#### SIRIUS 3RW40

- Two-phase operation
- 7.5 - 75 hp, 480 Vac
- ATEX certification

**Simple control and commissioning** processes and extensive diagnostic capabilities make these soft starters an excellent choice for manufacturing managers, controls engineers, and maintenance engineers who are responsible for keeping operations running smoothly.

**Additional flexibility\*** is provided through optional HMI modules (display/keypad) and various communication options, including PROFINET, PROFIBUS, and Modbus TCP.

#### Features

- Soft starting and stopping
- Current limiting
- Electronic/thermal motor overload protection
- Voltage ramp
- Minimum power loss and optimum motor control
- Efficient configuration with simple and fast commissioning using rotary dials (potentiometers)
- Soft torque operation
- Reduced mechanical loading and optimum pump stop
- Two-phase (3RW40 and 50) or three-phase (3RW52) units with a wide range for control supply and main Voltage.

#### Applications

The 3RW soft starters offer a high degree of functionality in a compact design.

- Centrifugal pumps
- Ventilation fans
- Compressors (starting un-loaded)
- Conveyors
- Manufacturing/processing equipment, eg. saws, agitators

\*3RW50 and 52 models only



**Responsive**  
Service & Technical Support



**Quality Products**  
Competitive Pricing



**In Stock Availability**  
Warehouses Nationwide



**Fast Shipping**  
Same-Day Available



MORE INFO

MC-FLY-3RW-02-2025

**3RW52 Series | Three-phase**



| 200 V | 230 V | 480 V | Max FLA | Min OL Amps In-line | Model         | Dimensions H x W x D (in)* | Weight (lbs)* |
|-------|-------|-------|---------|---------------------|---------------|----------------------------|---------------|
| 2     | 3     | 7.5   | 11.5    | 5.5                 | 3RW5213-1AC14 | 10.83 x 6.69 x 5.98        | 5.07          |
| 3     | 5     | 10    | 15.9    | 7.5                 | 3RW5214-1AC14 | 10.83 x 6.69 x 5.98        | 5.07          |
| 5     | 7.5   | 15    | 22.3    | 11.5                | 3RW5215-1AC14 | 10.83 x 6.69 x 5.98        | 5.07          |
| 7.5   | 10    | 20    | 28.4    | 14                  | 3RW5216-1AC14 | 10.83 x 6.69 x 5.98        | 5.07          |
| 10    | 10    | 20    | 33.5    | 15.5                | 3RW5217-1AC14 | 10.83 x 6.69 x 5.98        | 5.07          |
| 10    | 10    | 30    | 41.6    | 20                  | 3RW5224-1AC14 | 12.05 x 7.28 x 7.99        | 11.46         |
| 15    | 20    | 40    | 55.5    | 25.5                | 3RW5225-1AC14 | 12.05 x 7.28 x 7.99        | 11.46         |
| 20    | 25    | 50    | 68      | 32                  | 3RW5226-1AC14 | 12.05 x 7.28 x 7.99        | 12.35         |
| 25    | 30    | 60    | 82.5    | 40.5                | 3RW5227-1AC14 | 12.05 x 7.28 x 7.99        | 15.21         |
| 30    | 30    | 75    | 101     | 53                  | 3RW5234-6AC14 | 12.05 x 7.28 x 7.99        | 14.55         |
| 40    | 40    | 100   | 128     | 68                  | 3RW5235-6AC14 | 12.05 x 7.28 x 7.99        | 14.55         |
| 50    | 50    | 100   | 153     | 81                  | 3RW5236-6AC14 | 12.05 x 7.28 x 7.99        | 15.87         |
| 60    | 60    | 150   | 186     | 90                  | 3RW5243-6AC14 | 15.47 x 8.27 x 7.99        | 25.19         |
| 60    | 75    | 150   | 220     | 100                 | 3RW5244-6AC14 | 15.47 x 8.27 x 7.99        | 21.83         |
| 75    | 100   | 200   | 279     | 135                 | 3RW5245-6AC14 | 15.47 x 8.27 x 7.99        | 21.83         |
| 100   | 125   | 250   | 328     | 160                 | 3RW5246-6AC14 | 15.47 x 8.27 x 7.99        | 21.83         |
| 150   | 150   | 350   | 416     | 200                 | 3RW5247-6AC14 | 15.47 x 8.27 x 7.99        | 21.83         |
| 150   | 200   | 400   | 504     | 240                 | 3RW5248-6AC14 | 15.47 x 8.27 x 7.99        | 23.37         |

**3RW50 Series | Two-phase**



|     |     |     |     |     |               |                     |       |
|-----|-----|-----|-----|-----|---------------|---------------------|-------|
| 30  | 30  | 100 | 128 | 68  | 3RW5055-6AB14 | 4.72 x 7.80 x 9.80  | 8.81  |
| 30  | 40  | 100 | 153 | 81  | 3RW5056-6AB14 | 4.72 x 7.80 x 9.80  | 8.81  |
| 40  | 50  | 150 | 186 | 90  | 3RW5072-6AB14 | 6.30 x 9.06 x 11.10 | 17.64 |
| 50  | 60  | 150 | 220 | 100 | 3RW5073-6AB14 | 6.30 x 9.06 x 11.10 | 18.01 |
| 60  | 75  | 200 | 279 | 135 | 3RW5074-6AB14 | 6.30 x 9.06 x 11.10 | 18.01 |
| 75  | 100 | 250 | 328 | 160 | 3RW5075-6AB14 | 6.30 x 9.06 x 11.10 | 18.30 |
| 100 | 125 | 350 | 416 | 200 | 3RW5076-6AB14 | 6.30 x 9.06 x 11.10 | 18.30 |
| 125 | 150 | 400 | 504 | 240 | 3RW5077-6AB14 | 6.30 x 9.06 x 11.10 | 18.51 |

**3RW40 Series | Two-phase**



|     |     |     |    |    |               |                    |      |
|-----|-----|-----|----|----|---------------|--------------------|------|
| 2   | 3   | 7.5 | 11 | 5  | 3RW4024-1BB14 | 1.78 x 4.92 x 6.06 | 1.60 |
| 5   | 5   | 15  | 23 | 10 | 3RW4026-1BB14 | 1.78 x 4.92 x 6.06 | 1.60 |
| 7.5 | 7.5 | 20  | 29 | 17 | 3RW4027-1BB14 | 1.78 x 4.92 x 6.06 | 1.60 |
| 10  | 10  | 25  | 34 | 23 | 3RW4028-1BB14 | 1.78 x 4.92 x 6.06 | 1.60 |
| 10  | 15  | 30  | 42 | 23 | 3RW4036-1BB14 | 2.17 x 5.67 x 6.70 | 2.82 |
| 15  | 20  | 40  | 58 | 26 | 3RW4037-1BB14 | 2.17 x 5.67 x 6.70 | 2.82 |
| 20  | 20  | 40  | 62 | 35 | 3RW4038-1BB14 | 2.17 x 5.67 x 6.70 | 2.83 |
| 20  | 25  | 50  | 73 | 43 | 3RW4046-1BB14 | 2.76 x 6.30 x 7.40 | 4.09 |
| 30  | 30  | 75  | 98 | 46 | 3RW4047-1BB14 | 2.76 x 6.30 x 7.40 | 4.09 |

\* Given weights and dimensions are approximate



WorldWide Electric Corporation  
295 Woodcliff Drive, Suite 3C  
Fairport, NY 14450



Distribution Centers in Atlanta (GA), Dallas (TX),  
Hernando (MS), Indianapolis (IN), Milton (PA),  
Rancho Cucamonga (CA), Sumner (WA), Warrior (AL)