

# SIEMENS



## SIRIUS 3RW Soft Starters

As versatile as your application

[www.siemens.co.in](http://www.siemens.co.in)

**Strong portfolio:**  
comprehensive, co-ordinated soft starter portfolio



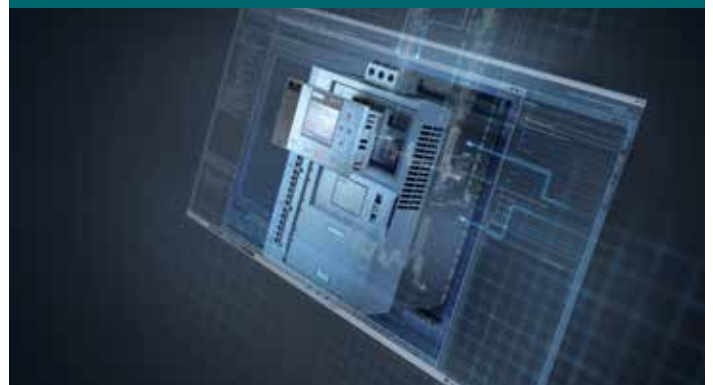
**Intelligent operation:**  
concentrated, application-specific functionality



**Efficient switching:**  
hybrid switching technology on board



**Ready for a digital future:**  
data available whenever and wherever needed



# Digital soft starters - SIRIUS 3RW30/40/50



- 3RW30**  
From 1.5 - 55 kW
- Compact design
  - Integrated bypass contact system
  - Soft start
  - Innovative 2-phase "Polarity Balancing" operation



- 3RW40**  
From 5.5 - 55 kW
- Soft start, soft stop, adjustable current limit.
  - Integrated bypass contact system
  - Integrated microprocessor based overload relay with adjustable trip class 10/15/20.
  - Intrinsic device protection to protect against thermal overloading of thyristors.
  - Integrated state and fault monitoring
  - Innovative 2-phase "Polarity Balancing" operation



**NEW**

- 3RW50**  
From 75 to 315 kW
- Soft starting and smooth ramp-down due to soft torque function
  - Hybrid-switching technology with 2-phase control
  - Parameterization via rotary coding switches
  - ATEX/IECEx certified – hence suitable for motors in potentially explosive atmosphere
  - Optional HMI modules and communication modules (external connection)
  - Optional TIA integration

Rated operating voltage U <sub>e</sub> , In line circuit V AC	Motor rating at 415V, 40°C, normal starting, in line circuit kW	Rated operating current I <sub>e</sub> (AC-53a) A (40°C/50°C/60°C)	Type	Std. pkg. (nos)
200-480	1.5	3.6/3.3/3	3RW3013-1BB\$4	1
200-480	3	6.5/6/5.5	3RW3014-1BB\$4	1
200-480	4	9/8/7	3RW3016-1BB\$4	1
200-480	5.5	12.5/12/11	3RW3017-1BB\$4	1
200-480	7.5	17.6/17/14	3RW3018-1BB\$4	1
200-480	11	25.3/23/21	3RW3026-1BB\$4	1
200-480	15	32.2/29/26	3RW3027-1BB\$4	1
200-480	18.5	38/34/31	3RW3028-1BB\$4	1
200-480	22	45/42/39	3RW3036-1BB\$4	1
200-480	30	65/58/53	3RW3037-1BB\$4	1
200-480	37	72/62.1/60	3RW3038-1BB\$4	1
200-480	45	80/73/66	3RW3046-1BB\$4	1
200-480	55	106/98/90	3RW3047-1BB\$4	1

\$ Order No. supplement for rated control supply voltage Us      • 24 V AC/DC **0**      • 110 ... 230 V

Rated operating voltage U <sub>e</sub> , In line circuit V AC	Motor rating at 415V, 40°C, normal starting, in line circuit kW	Rated operating current I <sub>e</sub> (AC-53a) A (40°C/50°C/60°C)	Type	Std. pkg. (nos)
200...480	5.5	12.5 / 11 / 10	3RW4024-1BB\$4	1
200...480	11	25 / 23 / 21	3RW4026-1BB\$4	1
200...480	15	32 / 29 / 26	3RW4027-1BB\$4	1
200...480	18.5	38 / 34 / 31	3RW4028-1BB\$4	1
200...480	22	45 / 42 / 39	3RW4036-1BB\$4	1
200...480	30	63 / 58 / 53	3RW4037-1BB\$4	1
200...480	37	72 / 62 / 60	3RW4038-1BB\$4	1
200...480	45	80 / 73 / 66	3RW4046-1BB\$4	1
200...480	55	106 / 98 / 90	3RW4047-1BB\$4	1

\$ Control Voltage Code:      • 24 V AC/DC **0**      • 110 ... 230 V AC/DC **1**

For ordering 3RW40 soft starters with thermistor protection in the above range:

- Add ₹ 10425,- to corresponding prices and
- Change the 9th digit in the type reference to 'T' from 'B'.

**NEW**

Rated operating voltage U <sub>e</sub> , In line circuit V AC	Motor rating at 415V, 40°C, normal starting, in line circuit kW	Rated operating current I <sub>e</sub> (AC-53a) A (40°C/50°C)	Type	Std. pkg. (nos)
200 ... 480	75	143 / 128	3RW5055-6AB\$4	1
200 ... 480	90	171 / 153	3RW5056-6AB\$4	1
200 ... 480	110	210 / 186	3RW5072-6AB\$4	1
200 ... 480	132	250 / 220	3RW5073-6AB\$4	1
200 ... 480	160	315 / 279	3RW5074-6AB\$4	1
200 ... 480	200	370 / 328	3RW5075-6AB\$4	1
200 ... 480	250	470 / 416	3RW5076-6AB\$4	1
200 ... 480	315	570 / 504	3RW5077-6AB\$4	1

\$ Control Voltage Code:      • 24 V AC/DC **0**      • 110 ... 230 V AC/DC **1**

- For 3RW50 with operating voltage U<sub>e</sub> 200...600V AC: Change the last digit of MLFB from "4" to "5" and increase the standard operating voltage list price by 15%.
- For 3RW50 with thermistor motor protection change the 9th digit of MLFB from "A" to "T"





**Simple installation** ▶  
Thanks to push-in technology.

**Wide range of performance** ▶  
For motors up to 5.5 kW.

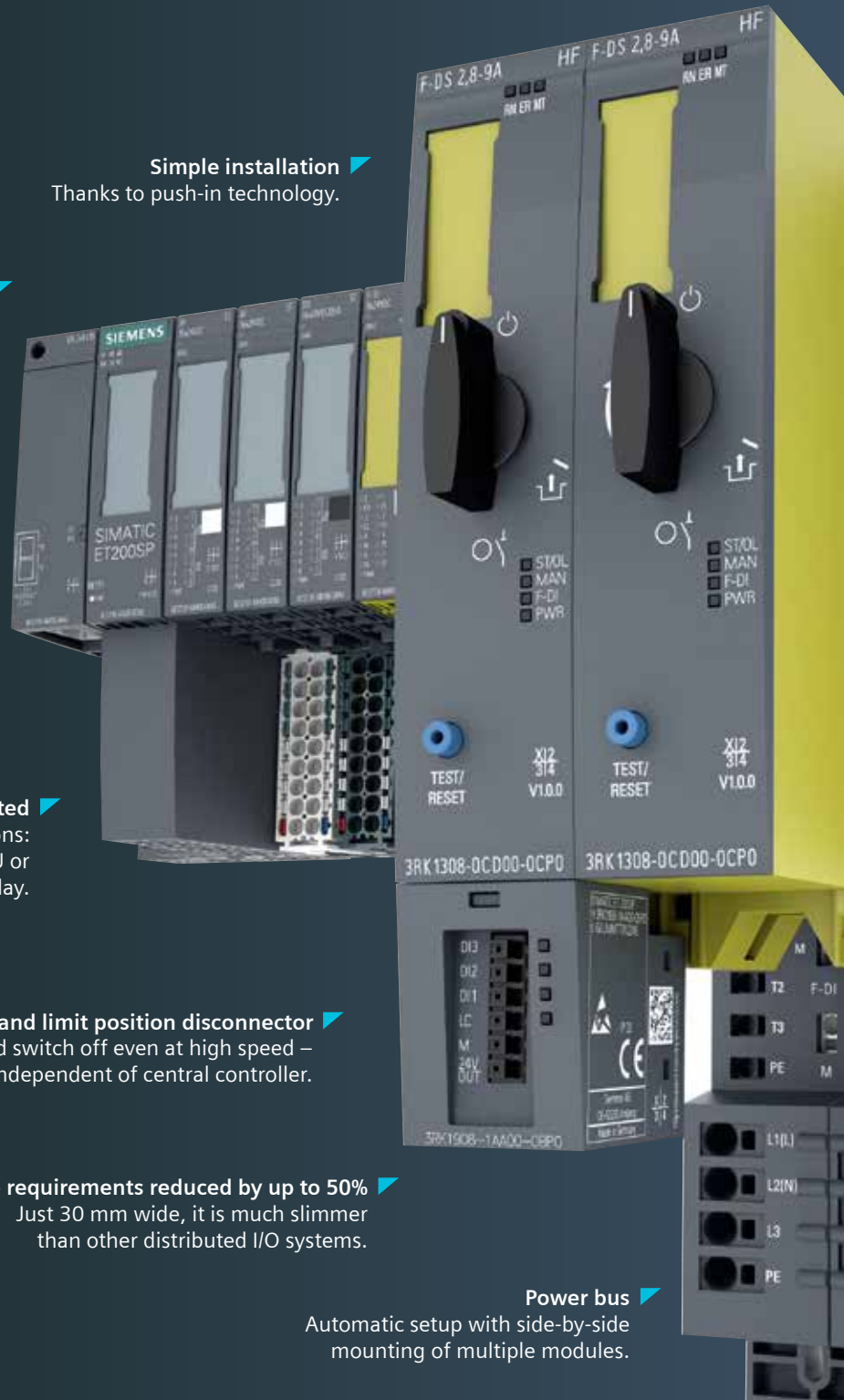
**Hybrid switching technology** ▶  
Durable and energy-saving, since  
relay contacts are  
not subject to loading.

**Safety Integrated** ▶  
Versatile safety solutions:  
shutdown via SIMATIC F-CPU or  
SIRIUS 3SK safety relay.

**Quick stop and limit position disconnecter** ▶  
Load switch off even at high speed –  
independent of central controller.

**Space requirements reduced by up to 50%** ▶  
Just 30 mm wide, it is much slimmer  
than other distributed I/O systems.

**Power bus** ▶  
Automatic setup with side-by-side  
mounting of multiple modules.



# ET 200SP - Motor starters up to 5.5 kW

Compact & Intelligent

[www.siemens.co.in](http://www.siemens.co.in)

**SIEMENS**

# SIEMENS



## Start-up with a small footprint – **SIRIUS 3RM1 Motor Starter**

Multifunctional with a width of just 22.5mm

[www.siemens.co.in](http://www.siemens.co.in)

### 3RM1 Compact Starters – DOL and RDOL

Rated operational voltage Ue	Description	Type
48–500V	DOL, upto 0.12KW	3RM10011AA.4
48–500V	DOL, 0.09 to 0.75KW	3RM10021AA.4
48–500V	DOL, 0.55 to 3KW	3RM10071AA.4
48–500V	RDOL, upto 0.12KW	3RM12011AA.4
48–500V	RDOL, 0.09 to 0.75KW	3RM12021AA.4
48–500V	RDOL, 0.55 to 3KW	3RM12071AA.4

Control voltage code @50Hz:

• 24V AC/DC 0

• 110---230V AC,110V DC 1

### Accessories

Description	Type
3-phase busbar for 2 3RM1	3RM19101AA
3-phase busbar for 3 3RM1	3RM19101BA
3-phase busbar for 5 3RM1	3RM19101DA
CAP for busbar of 3RM1	3RM19106AA
3-PHASE FEED-IN TERMINAL 3RM1	3RM19201AA

