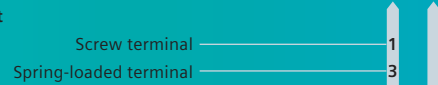


SIRIUS 3RW55 Failsafe soft starters

At 40 °C			At 50 °C				Article No.
Operational current	Rating for three-phase motors		Operational current	Rating for three-phase motors			
	at 230 V	at 400 V		at 200/208 V	at 220/230 V	at 460/480 V	
A	kW	kW	A	hp	hp	hp	
Operational voltage 200 ... 480 V							
13	3	5.5	11.5	2	3	7.5	3RW5513-□HF□4
18	4	7.5	15.9	3	5	10	3RW5514-□HF□4
25	5.5	11	22.3	5	7.5	15	3RW5515-□HF□4
32	7.5	15	28.4	7.5	10	20	3RW5516-□HF□4
38	11	18.5	33.5	10	10	20	3RW5517-□HF□4
47	11	22	41.6	10	10	30	3RW5524-□HF□4
63	18.5	30	55.5	15	20	40	3RW5525-□HF□4
77	22	37	68	20	25	50	3RW5526-□HF□4
93	22	45	82.5	25	30	60	3RW5527-□HF□4

Type of electrical connection for control circuit

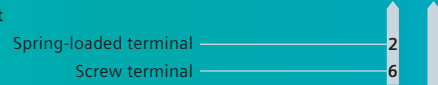


Control supply voltage



113	30	55	101	30	30	75	3RW5534-□HF□4
143	37	75	128	40	40	100	3RW5535-□HF□4
171	45	90	153	50	50	100	3RW5536-□HF□4
210	55	110	186	50	60	150	3RW5543-□HF□4
250	75	132	220	60	75	150	3RW5544-□HF□4
315	90	160	279	75	100	200	3RW5545-□HF□4
370	110	200	328	100	125	250	3RW5546-□HF□4
470	132	250	416	150	150	350	3RW5547-□HF□4
570	160	315	504	150	200	400	3RW5548-□HF□4

Type of electrical connection for control circuit



Control supply voltage



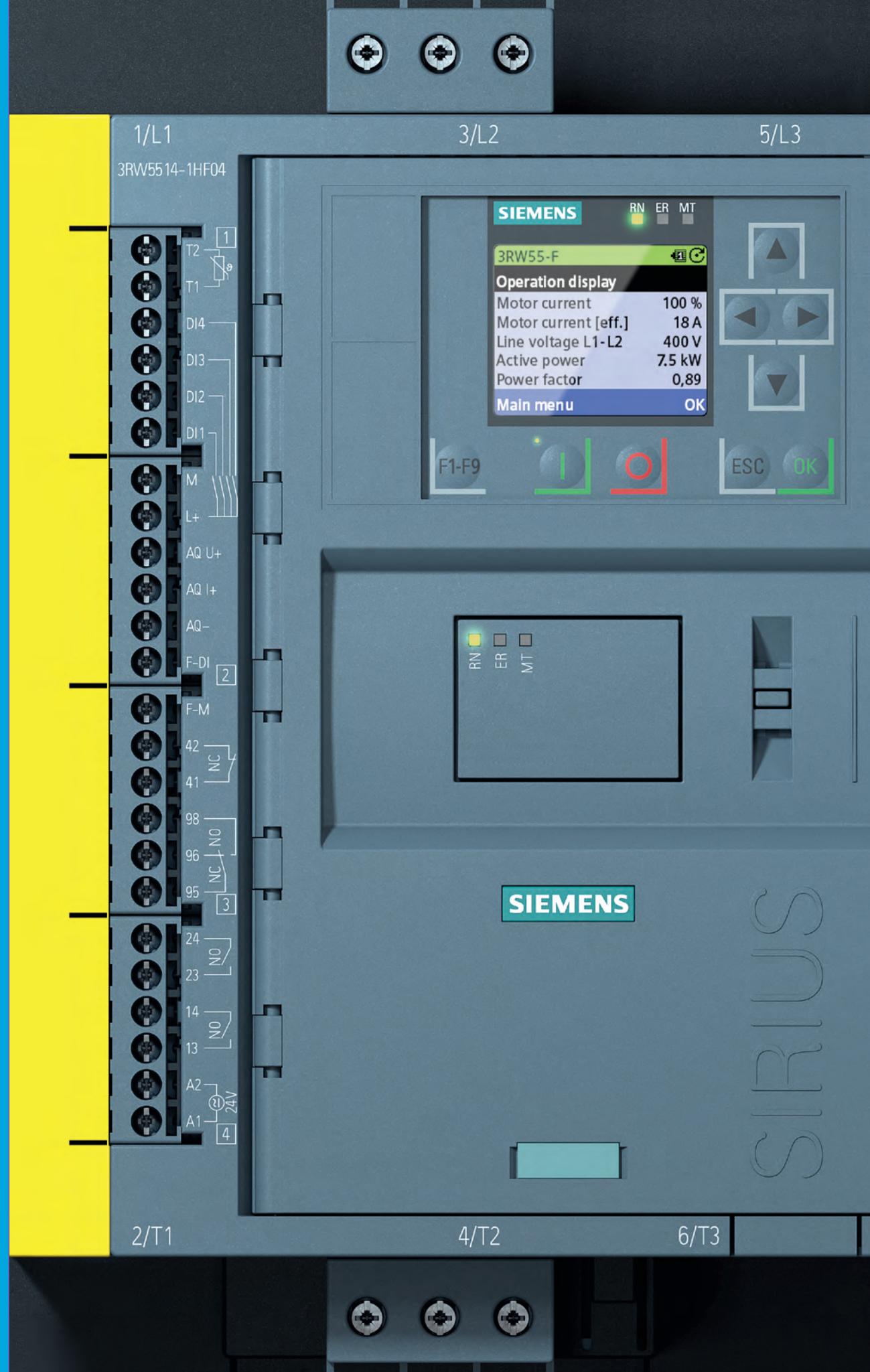
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Published by Siemens AG
Smart Infrastructure
Werner-von-Siemens-Str. 48–50
92224 Amberg, Germany

For the U.S. published by Siemens Industry Inc.
100 Technology Drive
Alpharetta, GA 30005
United States

Article No. SICP-B10024-00-7600
Dispo 27601 SB 12191.5
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SIEMENS
Ingenuity for Life

SIRIUS
Hybrid

Safe shutdown

SIRIUS 3RW55 Failsafe soft starters with integrated Safe Torque Off (STO)

How to stop machines in safety-related applications quickly and reliably

The integrated Safe Torque Off (STO) function in the new SIRIUS 3RW55 Failsafe soft starter effectively ensures that the motor can no longer provide any torque-generated energy in the event of an emergency. The motor comes to a standstill and remains safely in this state until it is restarted (restart interlock). In this way STO facilitates risk-free working, even when the protective door is open,

making it popular in processing machine applications and systems such as agitators or belt conveyors.

The SIRIUS 3RW55 Failsafe soft starter is certified according to ATEX/IECEX directives and ideal for starting explosion-proof motors. It can also be easily integrated into the Totally Integrated Automation Portal (TIA Portal).

3RW55 Failsafe – Highlight Features



Certified
Tested and certified solutions



Savings on components and wiring



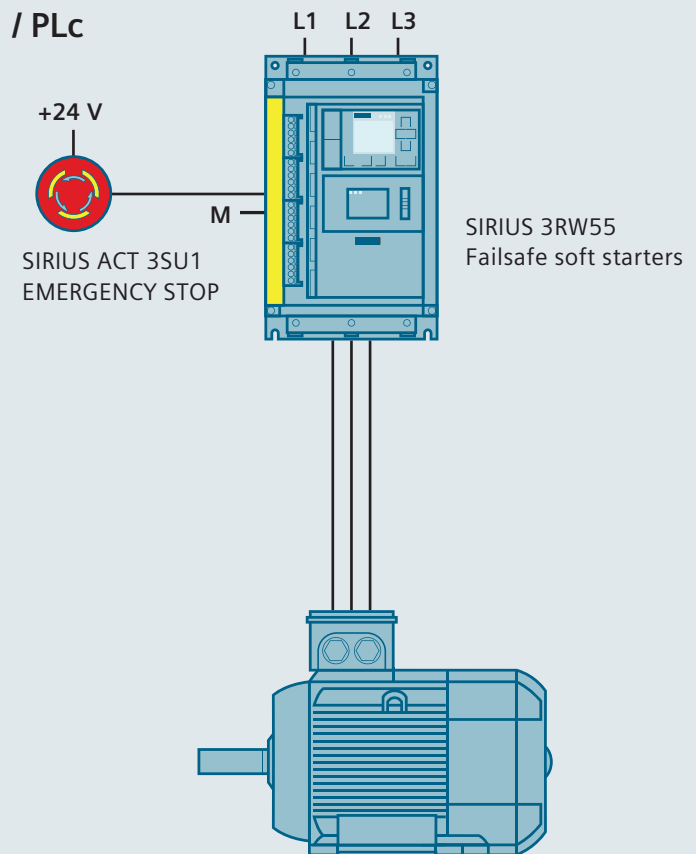
Safe Torque Off (STO)
disconnects power supply for motors with uncontrolled stopping



Restart interlock
prevents unwanted restarts

[siemens.com/softstarter](https://www.siemens.com/softstarter)

SIL 1 / PLc



SIL 3 / PL e

