

For Operation in the Control Cabinet

3RW Soft Starters

3RW30
for standard applications

Selection and ordering data



Ambient temperature 40 °C				Ambient temperature 50 °C				Size		Order No.	List Price \$ per PU	PS*	Weight per PU approx.				
Rated operational current $I_e^{1)}$	Rated power of induction motors for rated operational voltage U_e			Rated operational current $I_e^{1)}$	Rated power of induction motors for rated operational voltage U_e												
	230 V	400 V	500 V		200 V	230 V	460 V	575 V									
	A	kW	kW		kW	A	hp	hp	hp					hp			
Rated operational voltage U_e 200 ... 480 V																	
• With screw terminals																	
3.6	0.75	1.5	--	3	0.5	0.5	1.5	--	S00	3RW30 13-1BB□4		1 unit	0.580				
6.5	1.5	3	--	4.8	1	1	3	--	S00	3RW30 14-1BB□4		1 unit	0.580				
9	2.2	4	--	7.8	2	2	5	--	S00	3RW30 16-1BB□4		1 unit	0.580				
12.5	3	5.5	--	11	3	3	7.5	--	S00	3RW30 17-1BB□4		1 unit	0.580				
17.6	4	7.5	--	17	3	3	10	--	S00	3RW30 18-1BB□4		1 unit	0.580				
• With spring-type terminals																	
3.6	0.75	1.5	--	3	0.5	0.5	1.5	--	S00	3RW30 13-2BB□4		1 unit	0.580				
6.5	1.5	3	--	4.8	1	1	3	--	S00	3RW30 14-2BB□4		1 unit	0.580				
9	2.2	4	--	7.8	2	2	5	--	S00	3RW30 16-2BB□4		1 unit	0.580				
12.5	3	5.5	--	11	3	3	7.5	--	S00	3RW30 17-2BB□4		1 unit	0.580				
17.6	4	7.5	--	17	3	3	10	--	S00	3RW30 18-2BB□4		1 unit	0.580				
• With screw terminals																	
25	5.5	11	--	23	5	5	15	--	S0	3RW30 26-1BB□4		1 unit	0.690				
32	7.5	15	--	29	7.5	7.5	20	--	S0	3RW30 27-1BB□4		1 unit	0.690				
38	11	18.5	--	34	10	10	25	--	S0	3RW30 28-1BB□4		1 unit	0.690				
• With spring-type terminals																	
25	5.5	11	--	23	5	5	15	--	S0	3RW30 26-2BB□4		1 unit	0.690				
32	7.5	15	--	29	7.5	7.5	20	--	S0	3RW30 27-2BB□4		1 unit	0.690				
38	11	18.5	--	34	10	10	25	--	S0	3RW30 28-2BB□4		1 unit	0.690				
• With screw-type or spring-type terminals																	
45	11	22	--	42	10	15	30	--	S2	3RW30 36-□BB□4		1 unit	1.200				
63	18.5	30	--	58	15	20	40	--	S2	3RW30 37-□BB□4		1 unit	1.200				
72	22	37	--	62	20	20	40	--	S2	3RW30 38-□BB□4		1 unit	1.200				
• With screw-type or spring-type terminals																	
80	22	45	--	73	20	25	50	--	S3	3RW30 46-□BB□4		1 unit	1.710				
106	30	55	--	98	30	30	75	--	S3	3RW30 47-□BB□4		1 unit	1.710				
Order No. supplement for connection types																	
• With screw terminals																	
• With spring-type terminals ²⁾																	
Order No. supplement for rated control supply voltage U_s																	
• 24 V AC/DC																	
• 110 ... 230 V																	

¹⁾ Stand-alone installation.

²⁾ Power connection: screw terminals.

Note:

Selection of the soft starter depends on the rated motor current.

The SIRIUS 3RW30 solid-state soft starters are designed for easy starting conditions: $J_{Load} < 10 \times J_{Motor}$. In the event of deviating conditions or increased switching frequency, it may be necessary to choose a larger device.

Siemens recommends the use of the selection and simulation program Win-Soft Starter. For information about rated currents for ambient temperatures > 40 °C, see technical specifications (see technical information on page 6/41).

Project planning aids

3RW30 for standard applications

Technical drawing of the NSB0_01945 component, showing front, side, and detail views with dimensions.

Front View (Left): Dimensions include b (total width), f (width of top section), c (height of main body), and 35 (height of bottom section).

Side View (Middle): Dimensions include a (total height), h (height of top section), d (width of top section), e (width of main body), g (width of bottom section), i (width of bottom section), and j (width of bottom section).

Detail View (Right): Dimensions include k (width of detail section).

The component is labeled **NSB0_01945**.

Clearances to grounded parts (mm)	Lateral	Top	Bottom	Fixing screws	Tightening torques (Nm)
3RW30 1.	5	60	40	M4	1
3RW30 2.	5	60	40	M4	1
3RW30 3.	30	60	40	M4	1
3RW30 4.	30	60	40	M4	2

Technical drawing of the NSC0_00439e component, showing front and side views with dimensions in mm.

Front View Dimensions:

- Total height: 102
- Height of top section: 82
- Height of middle section: 62
- Height of bottom section: 110
- Overall height including mounting holes: 120
- Width of mounting holes: 15
- Distance between mounting holes: 22,5

Side View Dimensions:

- Overall width: 120
- Height of top section: 73,5
- Height of middle section: 80
- Height of bottom section: 100
- Width of top section: 5
- Width of middle section: 5
- Width of bottom section: 5
- Distance between top and middle sections: 28,5
- Distance between middle and bottom sections: 26,2

Reference: NSC0_00439e

Technical drawing of the NSC00482 cable gland, showing dimensions in millimeters.

Side View Dimensions:

- Top flange diameter: 3.1
- Total height: 71
- Mounting hole diameter: 9.1
- Bottom flange diameter: 7.2

Front View Dimensions:

- Width: 120
- Height: 81.6
- Mounting hole offset from left edge: 5

Part number: NSC00482

- Siemens Industry, Inc.
Industrial Controls Catalog