

Motor Starter Protectors/Circuit Breakers

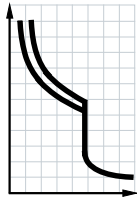
SIRIUS 3RV2 Motor Starter Protectors/Circuit Breakers

For motor protection **IE3/IE4 ready**

Selection and ordering data

CLASS 10, without auxiliary switches

PU (UNIT, SET, M) = 1
 PS* = 1 unit
 PG = 41E



3RV2011-0AA10



3RV2011-0EA20

Rated current	Suitable for three-phase motors ¹⁾ with P	Setting range for thermal overload release	Instantaneous electronic release	Short-circuit breaking capacity at 400 V AC	SD	Screw terminals	SD	Spring-type terminals	
I_n				I_{cu}	d	Article No.	Price per PU	Article No.	Price per PU
A	kW	A	A	kA			d		
Size S00									
0.16	0.04	0.11 ... 0.16	2.1	100	▶	3RV2011-0AA10	▶	3RV2011-0AA20	
0.2	0.06	0.14 ... 0.2	2.6	100	▶	3RV2011-0BA10	▶	3RV2011-0BA20	
0.25	0.06	0.18 ... 0.25	3.3	100	▶	3RV2011-0CA10	▶	3RV2011-0CA20	
0.32	0.09	0.22 ... 0.32	4.2	100	▶	3RV2011-0DA10	▶	3RV2011-0DA20	
0.4	0.09	0.28 ... 0.4	5.2	100	▶	3RV2011-0EA10	▶	3RV2011-0EA20	
0.5	0.12	0.35 ... 0.5	6.5	100	▶	3RV2011-0FA10	▶	3RV2011-0FA20	
0.63	0.18	0.45 ... 0.63	8.2	100	▶	3RV2011-0GA10	▶	3RV2011-0GA20	
0.8	0.18	0.55 ... 0.8	10	100	▶	3RV2011-0HA10	▶	3RV2011-0HA20	
1	0.25	0.7 ... 1	13	100	▶	3RV2011-0JA10	▶	3RV2011-0JA20	
1.25	0.37	0.9 ... 1.25	16	100	▶	3RV2011-0KA10	▶	3RV2011-0KA20	
1.6	0.55	1.1 ... 1.6	21	100	▶	3RV2011-1AA10	▶	3RV2011-1AA20	
2	0.75	1.4 ... 2	26	100	▶	3RV2011-1BA10	▶	3RV2011-1BA20	
2.5	0.75	1.8 ... 2.5	33	100	▶	3RV2011-1CA10	▶	3RV2011-1CA20	
3.2	1.1	2.2 ... 3.2	42	100	▶	3RV2011-1DA10	▶	3RV2011-1DA20	
4	1.5	2.8 ... 4	52	100	▶	3RV2011-1EA10	▶	3RV2011-1EA20	
5	1.5	3.5 ... 5	65	100	▶	3RV2011-1FA10	▶	3RV2011-1FA20	
6.3	2.2	4.5 ... 6.3	82	100	▶	3RV2011-1GA10	▶	3RV2011-1GA20	
8	3	5.5 ... 8	104	100	▶	3RV2011-1HA10	▶	3RV2011-1HA20	
10	4	7 ... 10	130	100	▶	3RV2011-1JA10	▶	3RV2011-1JA20	
12.5	5.5	9 ... 12.5	163	100	▶	3RV2011-1KA10	▶	3RV2011-1KA20	
16	7.5	10 ²⁾ ... 16	208	55	▶	3RV2011-4AA10	▶	3RV2011-4AA20	

¹⁾ Guide value for 4-pole standard motors at 50 Hz 400 V AC. The actual starting and rated data of the motor to be protected must be considered when selecting the units.

²⁾ The setting range of the thermal overload releases has been extended.

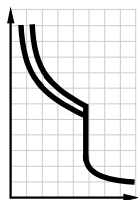
Auxiliary switches and other accessories can be ordered separately (see "Accessories" from page 7/44 onwards).

Motor Starter Protectors/Circuit Breakers

SIRIUS 3RV2 Motor Starter Protectors/Circuit Breakers

IE3/IE4 ready For motor protection

CLASS 10, without auxiliary switches

 PU (UNIT, SET, M) = 1
 PS* = 1 unit
 PG = 41E


3RV2021-4AA10



3RV2021-4AA20

Rated current	Suitable for three-phase motors ¹⁾ with P	Setting range for thermal overload release	Instantaneous electronic release	Short-circuit breaking capacity at 400 V AC	SD	Screw terminals	SD	Spring-type terminals	
I_n				I_{cu}					
A	kW	A	A	kA	d	Article No.	Price per PU	Article No.	Price per PU
Size S0									
0.16	0.04	0.11 ... 0.16	2.1	100		NEW ▶		--	
0.2	0.06	0.14 ... 0.2	2.6	100		NEW ▶		--	
0.25	0.06	0.18 ... 0.25	3.3	100		NEW ▶		--	
0.32	0.09	0.22 ... 0.32	4.2	100		NEW ▶		--	
0.4	0.09	0.28 ... 0.4	5.2	100		NEW ▶		--	
0.5	0.12	0.35 ... 0.5	6.5	100		NEW ▶		--	
0.63	0.18	0.45 ... 0.63	8.2	100	2		2	3RV2021-0GA20	
0.8	0.18	0.55 ... 0.8	10	100	2		2	3RV2021-0HA20	
1	0.25	0.7 ... 1	13	100	2		2	3RV2021-0JA20	
1.25	0.37	0.9 ... 1.25	16	100	2		2	3RV2021-0KA20	
1.6	0.55	1.1 ... 1.6	21	100	2		2	3RV2021-1AA20	
2	0.75	1.4 ... 2	26	100	2		2	3RV2021-1BA20	
2.5	0.75	1.8 ... 2.5	33	100	2		2	3RV2021-1CA20	
3.2	1.1	2.2 ... 3.2	42	100	2		2	3RV2021-1DA20	
4	1.5	2.8 ... 4	52	100	2		2	3RV2021-1EA20	
5	1.5	3.5 ... 5	65	100	2		2	3RV2021-1FA20	
6.3	2.2	4.5 ... 6.3	82	100	2		2	3RV2021-1GA20	
8	3	5.5 ... 8	104	100	2		2	3RV2021-1HA20	
10	4	7 ... 10	130	100	2		2	3RV2021-1JA20	
12.5	5.5	9 ... 12.5	163	100	2		2	3RV2021-1KA20	
16	7.5	10 ²⁾ ... 16	208	55		▶		▶	3RV2021-4AA20
20	7.5	13 ²⁾ ... 20	260	55		▶		▶	3RV2021-4BA20
22	11	16 ²⁾ ... 22	286	55		▶		▶	3RV2021-4CA20
25	11	18 ²⁾ ... 25	325	55		▶		▶	3RV2021-4DA20
28	15	23 ... 28	364	55		▶		▶	3RV2021-4NA20
32 ³⁾	15	27 ... 32	400	55		▶		▶	3RV2021-4EA20
36 ⁴⁾	18.5	30 ... 36	432	20		▶		--	
40 ⁴⁾	18.5	34 ... 40	480	20		▶		--	

¹⁾ Guide value for 4-pole standard motors at 50 Hz 400 V AC. The actual starting and rated data of the motor to be protected must be considered when selecting the units.

²⁾ The setting range of the thermal overload releases has been extended.

³⁾ Suitable for use with IE3/IE4 motors up to a starting current of 256 A. For higher starting currents we recommend using 3RV2 motor starter protectors size S2.

⁴⁾ The devices must not be mounted side-by-side and they must not be assembled with link modules with contactors. A lateral clearance of 9 mm is required. For use with IE3/IE4 motors we recommend using 3RV2 motor starter protectors size S2.

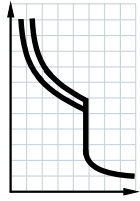
Auxiliary switches and other accessories can be ordered separately (see "Accessories" from page 7/44 onwards).

Motor Starter Protectors/Circuit Breakers

SIRIUS 3RV2 Motor Starter Protectors/Circuit Breakers

For motor protection **IE3/IE4 ready**

CLASS 10, without auxiliary switches



3RV2031-4SA10



3RV2032-4RA10



3RV2042-4MA10

Rated current	Suitable for three-phase motors ¹⁾ with P	Setting range for thermal overload release	Instantaneous electronic release	Short-circuit breaking capacity at 400 V AC	SD	Screw terminals	Price per PU	PU (UNIT, SET, M)	PS*	PG
I_n			$I >$	I_{cu}	d	Article No.				
A	kW	A	A	kA						
Size S2										
14	5.5	9.5 ... 14	208	65	▶	3RV2031-4SA10		1	1 unit	41E
17	7.5	12 ... 17	260	65	▶	3RV2031-4TA10		1	1 unit	41E
20	7.5	14 ... 20	260	65	▶	3RV2031-4BA10		1	1 unit	41E
25	11	18 ... 25	325	65	▶	3RV2031-4DA10		1	1 unit	41E
32	15	22 ... 32	416	65	▶	3RV2031-4EA10		1	1 unit	41E
36	18.5	28 ... 36	520	65	▶	3RV2031-4PA10		1	1 unit	41E
40	18.5	32 ... 40	585	65	▶	3RV2031-4UA10		1	1 unit	41E
45	22	35 ... 45	650	65	▶	3RV2031-4VA10		1	1 unit	41E
52	22	42 ... 52	741	65	▶	3RV2031-4WA10		1	1 unit	41E
59	30	49 ... 59	845	65	▶	3RV2031-4XA10		1	1 unit	41E
65	30	54 ... 65	845	65	▶	3RV2031-4JA10		1	1 unit	41E
73	37	62 ... 73	949	65	▶	3RV2031-4KA10		1	1 unit	41E
80 ²⁾	37	70 ... 80	1 040	65	▶	3RV2031-4RA10		1	1 unit	41E
Size S2, with increased switching capacity										
14	5.5	9.5 ... 14	208	100	▶	3RV2032-4SA10		1	1 unit	41E
17	7.5	12 ... 17	260	100	▶	3RV2032-4TA10		1	1 unit	41E
20	7.5	14 ... 20	260	100	▶	3RV2032-4BA10		1	1 unit	41E
25	11	18 ... 25	325	100	▶	3RV2032-4DA10		1	1 unit	41E
32	15	22 ... 32	416	100	▶	3RV2032-4EA10		1	1 unit	41E
36	18.5	28 ... 36	520	100	▶	3RV2032-4PA10		1	1 unit	41E
40	18.5	32 ... 40	585	100	▶	3RV2032-4UA10		1	1 unit	41E
45	22	35 ... 45	650	100	▶	3RV2032-4VA10		1	1 unit	41E
52	22	42 ... 52	741	100	▶	3RV2032-4WA10		1	1 unit	41E
59	30	49 ... 59	845	100	▶	3RV2032-4XA10		1	1 unit	41E
65	30	54 ... 65	845	100	▶	3RV2032-4JA10		1	1 unit	41E
73	37	62 ... 73	949	100	▶	3RV2032-4KA10		1	1 unit	41E
80 ²⁾	37	70 ... 80	1 040	100	▶	3RV2032-4RA10		1	1 unit	41E
Size S3										
40	18.5	28 ... 40	520	65	1	3RV2041-4FA10		1	1 unit	41E
50	22	36 ... 50	650	65	1	3RV2041-4HA10		1	1 unit	41E
63	30	45 ... 63	819	65	1	3RV2041-4JA10		1	1 unit	41E
75	37	57 ... 75	975	65	1	3RV2041-4KA10		1	1 unit	41E
84	45	65 ... 84	1 170	65	1	3RV2041-4RA10		1	1 unit	41E
93	45	75 ... 93	1 300	65	1	3RV2041-4YA10		1	1 unit	41E
100 ³⁾	45, 55	80 ... 100	1 300	65	1	3RV2041-4MA10		1	1 unit	41E
Size S3, with increased switching capacity										
40	18.5	28 ... 40	520	100	1	3RV2042-4FA10		1	1 unit	41E
50	22	36 ... 50	650	100	1	3RV2042-4HA10		1	1 unit	41E
63	30	45 ... 63	819	100	1	3RV2042-4JA10		1	1 unit	41E
75	37	57 ... 75	975	100	1	3RV2042-4KA10		1	1 unit	41E
84	45	65 ... 84	1 170	100	1	3RV2042-4RA10		1	1 unit	41E
93	45	75 ... 93	1 300	100	1	3RV2042-4YA10		1	1 unit	41E
100 ³⁾	45, 55	80 ... 100	1 300	100	1	3RV2042-4MA10		1	1 unit	41E

¹⁾ Guide value for 4-pole standard motors at 50 Hz 400 V AC. The actual starting and rated data of the motor to be protected must be considered when selecting the units.

²⁾ Suitable for use with IE3/IE4 motors up to a starting current of 720 A. For higher starting currents we recommend using 3RV2 motor starter protectors size S3.

³⁾ Suitable for use with IE3/IE4 motors up to a starting current of 780 A. For higher starting currents we recommend using 3VA circuit breakers (see Catalog LV 10).

Auxiliary switches and other accessories can be ordered separately (see "Accessories" from page 7/44 onwards).

Motor Starter Protectors/Circuit Breakers

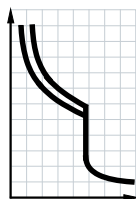
SIRIUS 3RV2 Motor Starter Protectors/Circuit Breakers

IE3/IE4 ready

For motor protection

CLASS 10, with transverse auxiliary switch (1 NO + 1 NC)

PU (UNIT, SET, M) = 1
 PS* = 1 unit
 PG = 41E



3RV2011-4AA15
with integrated transverse
auxiliary switch



3RV2011-0EA25
with integrated transverse
auxiliary switch



3RV2021-4AA15
with integrated transverse
auxiliary switch



3RV2021-4AA25
with integrated transverse
auxiliary switch

Rated current	Suitable for three-phase motors ¹⁾ with P	Setting range for thermal overload release	Instantaneous electronic release	Short-circuit breaking capacity at 400 V AC	SD	Screw terminals	SD	Spring-type terminals	
I_n				I_{cu}	d	Article No.	Price per PU	Article No.	Price per PU
A	kW	A	A	kA	d				
Size S00									
0.16	0.04	0.11 ... 0.16	2.1	100	▶	3RV2011-0AA15	▶	3RV2011-0AA25	▶
0.2	0.06	0.14 ... 0.2	2.6	100	▶	3RV2011-0BA15	▶	3RV2011-0BA25	▶
0.25	0.06	0.18 ... 0.25	3.3	100	▶	3RV2011-0CA15	▶	3RV2011-0CA25	▶
0.32	0.09	0.22 ... 0.32	4.2	100	▶	3RV2011-0DA15	▶	3RV2011-0DA25	▶
0.4	0.09	0.28 ... 0.4	5.2	100	▶	3RV2011-0EA15	▶	3RV2011-0EA25	▶
0.5	0.12	0.35 ... 0.5	6.5	100	▶	3RV2011-0FA15	▶	3RV2011-0FA25	▶
0.63	0.18	0.45 ... 0.63	8.2	100	▶	3RV2011-0GA15	▶	3RV2011-0GA25	▶
0.8	0.18	0.55 ... 0.8	10	100	▶	3RV2011-0HA15	▶	3RV2011-0HA25	▶
1	0.25	0.7 ... 1	13	100	▶	3RV2011-0JA15	▶	3RV2011-0JA25	▶
1.25	0.37	0.9 ... 1.25	16	100	▶	3RV2011-0KA15	▶	3RV2011-0KA25	▶
1.6	0.55	1.1 ... 1.6	21	100	▶	3RV2011-1AA15	▶	3RV2011-1AA25	▶
2	0.75	1.4 ... 2	26	100	▶	3RV2011-1BA15	▶	3RV2011-1BA25	▶
2.5	0.75	1.8 ... 2.5	33	100	▶	3RV2011-1CA15	▶	3RV2011-1CA25	▶
3.2	1.1	2.2 ... 3.2	42	100	▶	3RV2011-1DA15	▶	3RV2011-1DA25	▶
4	1.5	2.8 ... 4	52	100	▶	3RV2011-1EA15	▶	3RV2011-1EA25	▶
5	1.5	3.5 ... 5	65	100	▶	3RV2011-1FA15	▶	3RV2011-1FA25	▶
6.3	2.2	4.5 ... 6.3	82	100	▶	3RV2011-1GA15	▶	3RV2011-1GA25	▶
8	3	5.5 ... 8	104	100	▶	3RV2011-1HA15	▶	3RV2011-1HA25	▶
10	4	7 ... 10	130	100	▶	3RV2011-1JA15	▶	3RV2011-1JA25	▶
12.5	5.5	9 ... 12.5	163	100	▶	3RV2011-1KA15	▶	3RV2011-1KA25	▶
16	7.5	10 ²⁾ ... 16	208	55	▶	3RV2011-4AA15	▶	3RV2011-4AA25	▶
Size S0									
16	7.5	10 ²⁾ ... 16	208	55	▶	3RV2021-4AA15	▶	3RV2021-4AA25	▶
20	7.5	13 ²⁾ ... 20	260	55	▶	3RV2021-4BA15	▶	3RV2021-4BA25	▶
22	11	16 ²⁾ ... 22	286	55	▶	3RV2021-4CA15	▶	3RV2021-4CA25	▶
25	11	18 ²⁾ ... 25	325	55	▶	3RV2021-4DA15	▶	3RV2021-4DA25	▶
28	15	23 ... 28	364	55	▶	3RV2021-4NA15	▶	3RV2021-4NA25	▶
32 ³⁾	15	27 ... 32	400	55	▶	3RV2021-4EA15	▶	3RV2021-4EA25	▶
36 ⁴⁾	18.5	30 ... 36	432	20	▶	3RV2021-4PA15	▶	--	▶
40 ⁴⁾	18.5	34 ... 40	480	20	▶	3RV2021-4FA15	▶	--	▶

¹⁾ Guide value for 4-pole standard motors at 50 Hz 400 V AC. The actual starting and rated data of the motor to be protected must be considered when selecting the units.

²⁾ The setting range of the thermal overload releases has been extended.

³⁾ Suitable for use with IE3/IE4 motors up to a starting current of 256 A. For higher starting currents we recommend using 3RV2 motor starter protectors size S2.

⁴⁾ The devices must not be mounted side-by-side and they must not be assembled with link modules with contactors. A lateral clearance of 9 mm is required. For use with IE3/IE4 motors we recommend using 3RV2 motor starter protectors size S2.

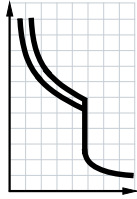
Auxiliary switches and other accessories can be ordered separately (see "Accessories" from page 7/44 onwards).

Motor Starter Protectors/Circuit Breakers

SIRIUS 3RV2 Motor Starter Protectors/Circuit Breakers

For motor protection **IE3/IE4 ready**

CLASS 10, with integrated auxiliary switch (1 NO + 1 NC)



3RV2031-4SA15
With integrated
auxiliary switch



3RV2032-4SA15
With integrated
auxiliary switch



3RV2041-4FA15
With integrated
auxiliary switch

Rated current	Suitable for three-phase motors ¹⁾ with P	Setting range for thermal overload release	Instantaneous electronic release	Short-circuit breaking capacity at 400 V AC	SD	Screw terminals	⊕	PU (UNIT, SET, M)	PS*	PG
I_n			$I >$	I_{cu}		Article No.	Price per PU			
A	kW	A	A	kA	d					
Size S2										
14	5.5	9.5 ... 14	208	65	5	3RV2031-4SA15		1	1 unit	41E
17	7.5	12 ... 17	260	65	5	3RV2031-4TA15		1	1 unit	41E
20	7.5	14 ... 20	260	65	5	3RV2031-4BA15		1	1 unit	41E
25	11	18 ... 25	325	65	5	3RV2031-4DA15		1	1 unit	41E
32	15	22 ... 32	416	65	▶	3RV2031-4EA15		1	1 unit	41E
36	18.5	28 ... 36	520	65	▶▶	3RV2031-4PA15		1	1 unit	41E
40	18.5	32 ... 40	585	65	▶▶▶	3RV2031-4UA15		1	1 unit	41E
45	22	35 ... 45	650	65	▶▶▶▶	3RV2031-4VA15		1	1 unit	41E
52	22	42 ... 52	741	65	▶▶▶▶▶	3RV2031-4WA15		1	1 unit	41E
59	30	49 ... 59	845	65	▶▶▶▶▶▶	3RV2031-4XA15		1	1 unit	41E
65	30	54 ... 65	845	65	▶▶▶▶▶▶▶	3RV2031-4JA15		1	1 unit	41E
73	37	62 ... 73	949	65	▶▶▶▶▶▶▶▶	3RV2031-4KA15		1	1 unit	41E
80 ²⁾	37	70 ... 80	1 040	65	▶▶▶▶▶▶▶▶▶	3RV2031-4RA15		1	1 unit	41E
Size S2, with increased switching capacity										
14	5.5	9.5 ... 14	208	10	5	3RV2032-4SA15		1	1 unit	41E
17	7.5	12 ... 17	260	100	5	3RV2032-4TA15		1	1 unit	41E
20	7.5	14 ... 20	260	100	5	3RV2032-4BA15		1	1 unit	41E
25	11	18 ... 25	325	100	5	3RV2032-4DA15		1	1 unit	41E
32	15	22 ... 32	416	100	5	3RV2032-4EA15		1	1 unit	41E
36	18.5	28 ... 36	520	100	5	3RV2032-4PA15		1	1 unit	41E
40	18.5	32 ... 40	585	100	5	3RV2032-4UA15		1	1 unit	41E
45	22	35 ... 45	650	100	5	3RV2032-4VA15		1	1 unit	41E
52	22	42 ... 52	741	100	5	3RV2032-4WA15		1	1 unit	41E
59	30	49 ... 59	845	100	5	3RV2032-4XA15		1	1 unit	41E
65	30	54 ... 65	845	100	5	3RV2032-4JA15		1	1 unit	41E
73	37	62 ... 73	949	100	5	3RV2032-4KA15		1	1 unit	41E
80 ²⁾	37	70 ... 80	1 040	100	5	3RV2032-4RA15		1	1 unit	41E
Size S3										
40	18.5	28 ... 40	520	65	5	3RV2041-4FA15		1	1 unit	41E
50	22	36 ... 50	650	65	5	3RV2041-4HA15		1	1 unit	41E
63	30	45 ... 63	819	65	2	3RV2041-4JA15		1	1 unit	41E
75	37	57 ... 75	975	65	5	3RV2041-4KA15		1	1 unit	41E
84	45	65 ... 84	1 170	65	X	3RV2041-4RA15		1	1 unit	41E
93	45	75 ... 93	1 300	65	X	3RV2041-4YA15		1	1 unit	41E
100 ³⁾	45, 55	80 ... 100	1 300	65	5	3RV2041-4MA15		1	1 unit	41E

¹⁾ Guide value for 4-pole standard motors at 50 Hz 400 V AC. The actual starting and rated data of the motor to be protected must be considered when selecting the units.

²⁾ Suitable for use with IE3/IE4 motors up to a starting current of 720 A. For higher starting currents we recommend using 3RV2 motor starter protectors size S3.

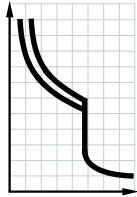
³⁾ Suitable for use with IE3/IE4 motors up to a starting current of 780 A. For higher starting currents we recommend using 3VA circuit breakers (see Catalog LV 10).

Auxiliary switches and other accessories can be ordered separately (see "Accessories" from page 7/44 onwards).

Motor Starter Protectors/Circuit Breakers

SIRIUS 3RV2 Motor Starter Protectors/Circuit Breakers

IE3/IE4 ready For motor protection

CLASS 20, without auxiliary switches


3RV2031-4SB10



3RV2031-4WB10



3RV2042-4FB10



3RV2042-4KB10

Rated current	Suitable for three-phase motors ¹⁾ with P	Setting range for thermal overload release	Instantaneous electronic release	Short-circuit breaking capacity at 400 V AC	SD	Screw terminals	⊕	PU (UNIT, SET, M)	PS*	PG
I_n				I_{cu}	d	Article No.	Price per PU			
A	kW	A	A	kA						
Size S2										
14	5.5	9.5 ... 14	208	65	2	3RV2031-4SB10		1	1 unit	41E
17	7.5	12 ... 17	260	65	2	3RV2031-4TB10		1	1 unit	41E
20	7.5	14 ... 20	260	65	▶	3RV2031-4BB10		1	1 unit	41E
25	11	18 ... 25	325	65	▶	3RV2031-4DB10		1	1 unit	41E
32	15	22 ... 32	416	65	▶	3RV2031-4EB10		1	1 unit	41E
36	18.5	28 ... 36	520	65	▶	3RV2031-4PB10		1	1 unit	41E
40	18.5	32 ... 40	585	65	▶	3RV2031-4UB10		1	1 unit	41E
45	22	35 ... 45	650	65	▶	3RV2031-4VB10		1	1 unit	41E
52	22	42 ... 52	741	65	▶	3RV2031-4WB10		1	1 unit	41E
59	30	49 ... 59	845	65	▶	3RV2031-4XB10		1	1 unit	41E
65	30	54 ... 65	845	65	▶	3RV2031-4JB10		1	1 unit	41E
Size S3, with increased switching capacity										
40	18.5	28 ... 40	520	100	2	3RV2042-4FB10		1	1 unit	41E
50	22	36 ... 50	650	100	2	3RV2042-4HB10		1	1 unit	41E
63	30	45 ... 63	819	100	2	3RV2042-4JB10		1	1 unit	41E
75	37	57 ... 75	975	100	2	3RV2042-4KB10		1	1 unit	41E
84	45	65 ... 84	1 170	100	2	3RV2042-4RB10		1	1 unit	41E
93	45	75 ... 93	1 300	100	2	3RV2042-4YB10		1	1 unit	41E
100 ²⁾	45, 55	80 ... 100	1 300	100	2	3RV2042-4MB10		1	1 unit	41E

¹⁾ Guide value for 4-pole standard motors at 50 Hz 400 V AC. The actual starting and rated data of the motor to be protected must be considered when selecting the units.

²⁾ Suitable for use with IE3/IE4 motors up to a starting current of 780 A. For higher starting currents we recommend using 3VA circuit breakers (see Catalog LV 10).

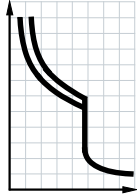
Auxiliary switches and other accessories can be ordered separately (see "Accessories" from page 7/44 onwards).

Motor Starter Protectors/Circuit Breakers

SIRIUS 3RV2 Motor Starter Protectors/Circuit Breakers

For motor protection **IE3/IE4 ready**




CLASS 20, with integrated auxiliary switch (1 NO + 1 NC)



3RV2031-4SB15



3RV2031-4WB15

Rated current	Suitable for three-phase motors ¹⁾ with P	Setting range for thermal overload release	Instantaneous electronic release	Short-circuit breaking capacity at 400 V AC	SD	Screw terminals 	PU (UNIT, SET, M)	PS*	PG
I_n				I_{cu}	d	Article No.	Price per PU		
A	kW	A	A	kA					
Size S2									
14	5.5	9.5 ... 14	208	65	5	3RV2031-4SB15		1	1 unit 41E
17	7.5	12 ... 17	260	65	5	3RV2031-4TB15		1	1 unit 41E
20	7.5	14 ... 20	260	65	5	3RV2031-4BB15		1	1 unit 41E
25	11	18 ... 25	325	65	5	3RV2031-4DB15		1	1 unit 41E
32	15	22 ... 32	416	65	5	3RV2031-4EB15		1	1 unit 41E
36	18.5	28 ... 36	520	65	5	3RV2031-4PB15		1	1 unit 41E
40	18.5	32 ... 40	585	65	5	3RV2031-4UB15		1	1 unit 41E
45	22	35 ... 45	650	65	5	3RV2031-4VB15		1	1 unit 41E
52	22	42 ... 52	741	65	5	3RV2031-4WB15		1	1 unit 41E
59	30	49 ... 59	845	65	5	3RV2031-4XB15		1	1 unit 41E
65	30	54 ... 65	845	65	▶	3RV2031-4JB15		1	1 unit 41E

¹⁾ Guide value for 4-pole standard motors at 50 Hz 400 V AC. The actual starting and rated data of the motor to be protected must be considered when selecting the units.

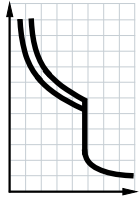
Auxiliary switches and other accessories can be ordered separately (see "Accessories" from page 7/44 onwards).

Motor Starter Protectors/Circuit Breakers

SIRIUS 3RV2 Motor Starter Protectors/Circuit Breakers

IE3/IE4 ready For motor protection with overload relay function



Selection and ordering data

CLASS 10, with overload relay function (automatic RESET), without auxiliary switches


3RV2111-4FA10



3RV2111-0BA10

Rated current	Suitable for three-phase motors ¹⁾ with P	Setting range for thermal overload release	Instantaneous electronic release	Short-circuit breaking capacity at 400 V AC	SD	Screw terminals 	PU (UNIT, SET, M)	PS*	PG
I_n			$I >$	I_{cu}	d	Article No.	Price per PU		
A	kW	A	A	kA					
Size S00²⁾									
0.16	0.04	0.11 ... 0.16	2.1	100	2	3RV2111-0AA10		1	1 unit 41E
0.2	0.06	0.14 ... 0.2	2.6	100	2	3RV2111-0BA10		1	1 unit 41E
0.25	0.06	0.18 ... 0.25	3.3	100	2	3RV2111-0CA10		1	1 unit 41E
0.32	0.09	0.22 ... 0.32	4.2	100	2	3RV2111-0DA10		1	1 unit 41E
0.4	0.09	0.28 ... 0.4	5.2	100	2	3RV2111-0EA10		1	1 unit 41E
0.5	0.12	0.35 ... 0.5	6.5	100	2	3RV2111-0FA10		1	1 unit 41E
0.63	0.18	0.45 ... 0.63	8.2	100	2	3RV2111-0GA10		1	1 unit 41E
0.8	0.18	0.55 ... 0.8	10	100	2	3RV2111-0HA10		1	1 unit 41E
1	0.25	0.7 ... 1	13	100	2	3RV2111-0JA10		1	1 unit 41E
1.25	0.37	0.9 ... 1.25	16	100	2	3RV2111-0KA10		1	1 unit 41E
1.6	0.55	1.1 ... 1.6	21	100	2	3RV2111-1AA10		1	1 unit 41E
2	0.75	1.4 ... 2	26	100	2	3RV2111-1BA10		1	1 unit 41E
2.5	0.75	1.8 ... 2.5	33	100	2	3RV2111-1CA10		1	1 unit 41E
3.2	1.1	2.2 ... 3.2	42	100	2	3RV2111-1DA10		1	1 unit 41E
4	1.5	2.8 ... 4	52	100	2	3RV2111-1EA10		1	1 unit 41E
5	1.5	3.5 ... 5	65	100	2	3RV2111-1FA10		1	1 unit 41E
6.3	2.2	4.5 ... 6.3	82	100	2	3RV2111-1GA10		1	1 unit 41E
8	3	5.5 ... 8	104	100	2	3RV2111-1HA10		1	1 unit 41E
10	4	7 ... 10	130	100	2	3RV2111-1JA10		1	1 unit 41E
12.5	5.5	9 ... 12.5	163	100	2	3RV2111-1KA10		1	1 unit 41E
16	7.5	10 ³⁾ ... 16	208	55	2	3RV2111-4AA10		1	1 unit 41E
Size S0²⁾									
16	7.5	10 ³⁾ ... 16	208	55	2	3RV2121-4AA10		1	1 unit 41E
20	7.5	13 ³⁾ ... 20	260	55	2	3RV2121-4BA10		1	1 unit 41E
22	11	16 ³⁾ ... 22	286	55	2	3RV2121-4CA10		1	1 unit 41E
25	11	18 ³⁾ ... 25	325	55	2	3RV2121-4DA10		1	1 unit 41E
28	15	23 ... 28	364	55	2	3RV2121-4NA10		1	1 unit 41E
32 ⁴⁾	15	27 ... 32	400	55	2	3RV2121-4EA10		1	1 unit 41E

¹⁾ Guide value for 4-pole standard motors at 50 Hz 400 V AC. The actual starting and rated data of the motor to be protected must be considered when selecting the units.

²⁾ Accessories for mounting on the right and 3RV2915 three-phase busbars cannot be used.

³⁾ The setting range of the thermal overload releases has been extended.

⁴⁾ Suitable for use with IE3/IE4 motors up to a starting current of 256 A. For higher starting currents we recommend using 3RV2 motor starter protectors size S2.

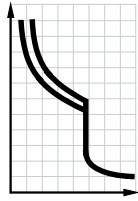
Auxiliary switches and other accessories can be ordered separately (see "Accessories" from page 7/44 onwards).

Motor Starter Protectors/Circuit Breakers

SIRIUS 3RV2 Motor Starter Protectors/Circuit Breakers

For motor protection with overload relay function

CLASS 10, with overload relay function (automatic RESET), without auxiliary switches



3RV2131-4WB10



3RV2142-4FA10

Rated current	Suitable for three-phase motors ¹⁾ with P	Setting range for thermal overload release	Instantaneous electronic release	Short-circuit breaking capacity at 400 V AC	SD	Screw terminals	⊕	PU (UNIT, SET, M)	PS*	PG
I_n				I_{cu}		Article No.	Price per PU			
A	kW	A	A	kA	d					
Size S2²⁾										
14	5.5	9.5 ... 14	208	65	2	3RV2131-4SA10		1	1 unit	41E
17	7.5	12 ... 17	260	65	2	3RV2131-4TA10		1	1 unit	41E
20	7.5	14 ... 20	260	65	2	3RV2131-4BA10		1	1 unit	41E
25	11	18 ... 25	325	65	2	3RV2131-4DA10		1	1 unit	41E
32	15	22 ... 32	416	65	2	3RV2131-4EA10		1	1 unit	41E
36	18.5	28 ... 36	520	65	2	3RV2131-4PA10		1	1 unit	41E
40	18.5	32 ... 40	585	65	2	3RV2131-4UA10		1	1 unit	41E
45	22	35 ... 45	650	65	2	3RV2131-4VA10		1	1 unit	41E
52	32	42 ... 52	741	65	2	3RV2131-4WA10		1	1 unit	41E
59	30	49 ... 59	845	65	2	3RV2131-4XA10		1	1 unit	41E
65	30	54 ... 65	845	65	2	3RV2131-4JA10		1	1 unit	41E
73	37	62 ... 73	949	65	2	3RV2131-4KA10		1	1 unit	41E
80 ³⁾	37	70 ... 80	1 040	65	2	3RV2131-4RA10		1	1 unit	41E
Size S3, with increased switching capacity²⁾										
40	18.5	28 ... 40	520	100	2	3RV2142-4FA10		1	1 unit	41E
50	22	36 ... 50	650	100	2	3RV2142-4HA10		1	1 unit	41E
63	30	45 ... 63	819	100	2	3RV2142-4JA10		1	1 unit	41E
75	37	57 ... 75	975	100	2	3RV2142-4KA10		1	1 unit	41E
84	45	65 ... 84	1 170	100	2	3RV2142-4RA10		1	1 unit	41E
93	45	75 ... 93	1 300	100	2	3RV2142-4YA10		1	1 unit	41E
100 ⁴⁾	45, 55	80 ... 100	1 300	100	2	3RV2142-4MA10		1	1 unit	41E

¹⁾ Guide value for 4-pole standard motors at 50 Hz 400 V AC. The actual starting and rated data of the motor to be protected must be considered when selecting the units.

²⁾ Accessories for mounting on the right and 3RV2915 three-phase busbars cannot be used.

³⁾ Suitable for use with IE3/IE4 motors up to a starting current of 720 A. For higher starting currents we recommend using 3RV2 motor starter protectors size S3.

⁴⁾ Suitable for use with IE3/IE4 motors up to a starting current of 780 A. For higher starting currents we recommend using 3VA circuit breakers (see Catalog LV 10).

Auxiliary switches and other accessories can be ordered separately (see "Accessories" from page 7/44 onwards).

Motor Starter Protectors/Circuit Breakers

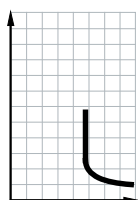
SIRIUS 3RV2 Motor Starter Protectors/Circuit Breakers

IE3/IE4 ready For starter combinations

Selection and ordering data

Without auxiliary switches

PU (UNIT, SET, M) = 1
 PS* = 1 unit
 PG = 41E



3RV2311-4AC10



3RV2311-0JC20



3RV2321-4AC10



3RV2321-4AC20

Rated current	Suitable for three-phase motors ¹⁾ with P	Thermal overload release ²⁾	Instantaneous electronic release	Short-circuit breaking capacity at 400 V AC	SD	Screw terminals	SD	Spring-type terminals	
I_n			$I >$	I_{cu}	d	Article No.	Price per PU	Article No.	Price per PU
A	kW	A	A	kA	d		d		
Size S00									
0.16	0.04	Without	2.1	100	5	3RV2311-0AC10	5	3RV2311-0AC20	
0.2	0.06	Without	2.6	100	5	3RV2311-0BC10	5	3RV2311-0BC20	
0.25	0.06	Without	3.3	100	5	3RV2311-0CC10	5	3RV2311-0CC20	
0.32	0.09	Without	4.2	100	5	3RV2311-0DC10	5	3RV2311-0DC20	
0.4	0.09	Without	5.2	100	5	3RV2311-0EC10	5	3RV2311-0EC20	
0.5	0.12	Without	6.5	100	5	3RV2311-0FC10	5	3RV2311-0FC20	
0.63	0.18	Without	8.2	100	5	3RV2311-0GC10	5	3RV2311-0GC20	
0.8	0.18	Without	10	100	5	3RV2311-0HC10	5	3RV2311-0HC20	
1	0.25	Without	13	100	2	3RV2311-0JC10	5	3RV2311-0JC20	
1.25	0.37	Without	16	100	2	3RV2311-0KC10	5	3RV2311-0KC20	
1.6	0.55	Without	21	100	2	3RV2311-1AC10	5	3RV2311-1AC20	
2	0.75	Without	26	100	2	3RV2311-1BC10	5	3RV2311-1BC20	
2.5	0.75	Without	33	100	2	3RV2311-1CC10	5	3RV2311-1CC20	
3.2	1.1	Without	42	100	2	3RV2311-1DC10	5	3RV2311-1DC20	
4	1.5	Without	52	100	2	3RV2311-1EC10	5	3RV2311-1EC20	
5	1.5	Without	65	100	2	3RV2311-1FC10	5	3RV2311-1FC20	
6.3	2.2	Without	82	100	2	3RV2311-1GC10	5	3RV2311-1GC20	
8	3	Without	104	100	2	3RV2311-1HC10	5	3RV2311-1HC20	
10	4	Without	130	100	2	3RV2311-1JC10	2	3RV2311-1JC20	
12.5	5.5	Without	163	100	2	3RV2311-1KC10	2	3RV2311-1KC20	
16	7.5	Without	208	55	2	3RV2311-4AC10	2	3RV2311-4AC20	
Size S0									
1.6	0.55	Without	21	100	5	3RV2321-1AC10	5	3RV2321-1AC20	
2	0.75	Without	26	100	5	3RV2321-1BC10	5	3RV2321-1BC20	
2.5	0.75	Without	33	100	5	3RV2321-1CC10	5	3RV2321-1CC20	
3.2	1.1	Without	42	100	5	3RV2321-1DC10	5	3RV2321-1DC20	
4	1.5	Without	52	100	5	3RV2321-1EC10	5	3RV2321-1EC20	
5	1.5	Without	65	100	5	3RV2321-1FC10	5	3RV2321-1FC20	
6.3	2.2	Without	82	100	2	3RV2321-1GC10	5	3RV2321-1GC20	
8	3	Without	104	100	2	3RV2321-1HC10	5	3RV2321-1HC20	
10	4	Without	130	100	2	3RV2321-1JC10	5	3RV2321-1JC20	
12.5	5.5	Without	163	100	2	3RV2321-1KC10	5	3RV2321-1KC20	
16	7.5	Without	208	55	2	3RV2321-4AC10	2	3RV2321-4AC20	
20	7.5	Without	260	55	2	3RV2321-4BC10	2	3RV2321-4BC20	
22	11	Without	286	55	2	3RV2321-4CC10	5	3RV2321-4CC20	
25	11	Without	325	55	2	3RV2321-4DC10	2	3RV2321-4DC20	
28	15	Without	364	55	5	3RV2321-4NC10	5	3RV2321-4NC20	
32 ³⁾	15	Without	400	55	2	3RV2321-4EC10	2	3RV2321-4EC20	
36 ⁴⁾	18.5	Without	432	20	2	3RV2321-4PC10		--	
40 ⁴⁾	18.5	Without	480	20	2	3RV2321-4FC10		--	

¹⁾ Guide value for 4-pole standard motors at 50 Hz 400 V AC. The actual starting and rated data of the motor to be protected must be considered when selecting the units.

²⁾ For overload protection of the motors, appropriate overload relays must be used.

³⁾ Suitable for use with IE3/IE4 motors up to a starting current of 256 A. For higher starting currents we recommend using 3RV2 motor starter protectors size S2.

⁴⁾ The devices must not be mounted side-by-side and they must not be assembled with link modules with contactors. A lateral clearance of 9 mm is required. For use with IE3/IE4 motors we recommend using 3RV2 motor starter protectors size S2.

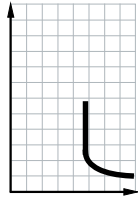
Auxiliary switches and other accessories can be ordered separately (see "Accessories" from page 7/44 onwards).

Motor Starter Protectors/Circuit Breakers

SIRIUS 3RV2 Motor Starter Protectors/Circuit Breakers

For starter combinations **IE3/IE4 ready**

Without auxiliary switches



Rated current	Suitable for three-phase motors ¹⁾ with P	Thermal overload release ²⁾	Instantaneous electronic release	Short-circuit breaking capacity at 400 V AC	SD	Screw terminals	PU (UNIT, SET, M)	PS*	PG
I_n				I_{cu}	d	Article No.	Price per PU		
A	kW	A	A	kA					
Size S2									
14	5.5	Without	208	65	2	3RV2331-4SC10		1	1 unit 41E
17	7.5	Without	260	65	2	3RV2331-4TC10		1	1 unit 41E
20	7.5	Without	260	65	2	3RV2331-4BC10		1	1 unit 41E
25	11	Without	325	65	2	3RV2331-4DC10		1	1 unit 41E
32	15	Without	416	65	▶ 2	3RV2331-4EC10		1	1 unit 41E
36	18.5	Without	520	65	▶ 2	3RV2331-4PC10		1	1 unit 41E
40	18.5	Without	585	65	▶ 2	3RV2331-4UC10		1	1 unit 41E
45	22	Without	650	65	▶ 2	3RV2331-4VC10		1	1 unit 41E
52	22	Without	741	65	▶ 2	3RV2331-4WC10		1	1 unit 41E
59	30	Without	845	65	▶ 2	3RV2331-4XC10		1	1 unit 41E
65	30	Without	845	65	▶ 2	3RV2331-4JC10		1	1 unit 41E
73	37	Without	949	65	▶ 2	3RV2331-4KC10		1	1 unit 41E
80 ³⁾	37	Without	1 040	65	▶ 2	3RV2331-4RC10		1	1 unit 41E
Size S2, with increased switching capacity									
14	5.5	Without	208	100	2	3RV2332-4SC10		1	1 unit 41E
17	7.5	Without	260	100	2	3RV2332-4TC10		1	1 unit 41E
20	7.5	Without	260	100	2	3RV2332-4BC10		1	1 unit 41E
25	11	Without	325	100	2	3RV2332-4DC10		1	1 unit 41E
32	15	Without	416	100	2	3RV2332-4EC10		1	1 unit 41E
36	18.5	Without	520	100	2	3RV2332-4PC10		1	1 unit 41E
40	18.5	Without	585	100	2	3RV2332-4UC10		1	1 unit 41E
45	22	Without	650	100	2	3RV2332-4VC10		1	1 unit 41E
52	22	Without	741	100	2	3RV2332-4WC10		1	1 unit 41E
59	30	Without	845	100	2	3RV2332-4XC10		1	1 unit 41E
65	30	Without	845	100	2	3RV2332-4JC10		1	1 unit 41E
73	37	Without	949	100	2	3RV2332-4KC10		1	1 unit 41E
80 ³⁾	37	Without	1 040	100	2	3RV2332-4RC10		1	1 unit 41E
Size S3									
40	18.5	Without	520	65	2	3RV2341-4FC10		1	1 unit 41E
50	22	Without	650	65	2	3RV2341-4HC10		1	1 unit 41E
63	30	Without	819	65	2	3RV2341-4JC10		1	1 unit 41E
75	37	Without	975	65	2	3RV2341-4KC10		1	1 unit 41E
84	45	Without	1 170	65	2	3RV2341-4RC10		1	1 unit 41E
93	45	Without	1 300	65	2	3RV2341-4YC10		1	1 unit 41E
100 ⁴⁾	45, 55	Without	1 300	65	2	3RV2341-4MC10		1	1 unit 41E
Size S3, with increased switching capacity									
40	18.5	Without	520	100	2	3RV2342-4FC10		1	1 unit 41E
50	22	Without	650	100	2	3RV2342-4HC10		1	1 unit 41E
63	30	Without	819	100	2	3RV2342-4JC10		1	1 unit 41E
75	37	Without	975	100	2	3RV2342-4KC10		1	1 unit 41E
84	45	Without	1 170	100	2	3RV2342-4RC10		1	1 unit 41E
93	45	Without	1 300	100	2	3RV2342-4YC10		1	1 unit 41E
100 ⁴⁾	45, 55	Without	1 300	100	2	3RV2342-4MC10		1	1 unit 41E

¹⁾ Guide value for 4-pole standard motors at 50 Hz 400 V AC. The actual starting and rated data of the motor to be protected must be considered when selecting the units.

²⁾ For overload protection of the motors, appropriate overload relays must be used.

³⁾ Suitable for use with IE3/IE4 motors up to a starting current of 720 A. For higher starting currents we recommend using 3RV2 motor starter protectors size S3.

⁴⁾ Suitable for use with IE3/IE4 motors up to a starting current of 780 A. For higher starting currents we recommend using 3VA circuit breakers (see Catalog LV 10).

Auxiliary switches and other accessories can be ordered separately (see "Accessories" from page 7/44 onwards).

Motor Starter Protectors/Circuit Breakers

SIRIUS 3RV2 Motor Starter Protectors/Circuit Breakers

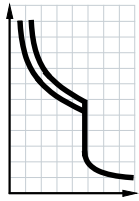
For transformer protection

Selection and ordering data

CLASS 10, without auxiliary switches

Motor starter protectors for the protection of transformers with high inrush current

PU (UNIT, SET, M) = 1
 PS* = 1 unit
 PG = 41E



3RV2411-0AA10



3RV2411-0AA20



3RV2421-4AA10



3RV2421-4AA20

Rated current	Setting range for thermal overload release	Instantaneous electronic release	Short-circuit breaking capacity at 400 V AC	SD	Screw terminals	SD	Spring-type terminals
I_n		$I >$	I_{cu}	d	Article No.	Price per PU	Article No.
A	A	A	kA	d		d	Price per PU
Size S00							
0.16	0.11 ... 0.16	3.3	100	▶	3RV2411-0AA10	2	3RV2411-0AA20
0.2	0.14 ... 0.2	4.2	100	▶	3RV2411-0BA10	2	3RV2411-0BA20
0.25	0.18 ... 0.25	5.2	100	▶	3RV2411-0CA10	2	3RV2411-0CA20
0.32	0.22 ... 0.32	6.5	100	▶	3RV2411-0DA10	2	3RV2411-0DA20
0.4	0.28 ... 0.4	8.2	100	▶	3RV2411-0EA10	2	3RV2411-0EA20
0.5	0.35 ... 0.5	10	100	▶	3RV2411-0FA10	2	3RV2411-0FA20
0.63	0.45 ... 0.63	13	100	▶	3RV2411-0GA10	2	3RV2411-0GA20
0.8	0.55 ... 0.8	16	100	▶	3RV2411-0HA10	2	3RV2411-0HA20
1	0.7 ... 1	21	100	▶	3RV2411-0JA10	2	3RV2411-0JA20
1.25	0.9 ... 1.25	26	100	▶	3RV2411-0KA10	2	3RV2411-0KA20
1.6	1.1 ... 1.6	33	100	▶	3RV2411-1AA10	2	3RV2411-1AA20
2	1.4 ... 2	42	100	▶	3RV2411-1BA10	2	3RV2411-1BA20
2.5	1.8 ... 2.5	52	100	▶	3RV2411-1CA10	2	3RV2411-1CA20
3.2	2.2 ... 3.2	65	100	▶	3RV2411-1DA10	2	3RV2411-1DA20
4	2.8 ... 4	82	100	▶	3RV2411-1EA10	2	3RV2411-1EA20
5	3.5 ... 5	104	100	▶	3RV2411-1FA10	2	3RV2411-1FA20
6.3	4.5 ... 6.3	130	100	▶	3RV2411-1GA10	2	3RV2411-1GA20
8	5.5 ... 8	163	100	▶	3RV2411-1HA10	2	3RV2411-1HA20
10	7 ... 10	208	100	▶	3RV2411-1JA10	2	3RV2411-1JA20
12.5	9 ... 12.5	260	100	▶	3RV2411-1KA10	2	3RV2411-1KA20
16	10 ¹⁾ ... 16	286	55	▶	3RV2411-4AA10	2	3RV2411-4AA20
Size S0							
0.16	0.11 ... 0.16	3.3	100	NEW ▶	3RV2421-0AA10		--
0.2	0.14 ... 0.2	4.2	100	NEW ▶	3RV2421-0BA10		--
0.25	0.18 ... 0.25	5.2	100	NEW ▶	3RV2421-0CA10		--
0.32	0.22 ... 0.32	6.5	100	NEW ▶	3RV2421-0DA10		--
0.4	0.28 ... 0.4	8.2	100	NEW ▶	3RV2421-0EA10		--
0.5	0.35 ... 0.5	10	100	NEW ▶	3RV2421-0FA10		--
0.63	0.45 ... 0.63	13	100	NEW ▶	3RV2421-0GA10		--
0.8	0.55 ... 0.8	16	100	NEW ▶	3RV2421-0HA10		--
1	0.7 ... 1	21	100	NEW ▶	3RV2421-0JA10		--
1.25	0.9 ... 1.25	26	100	NEW ▶	3RV2421-0KA10		--
1.6	1.1 ... 1.6	33	100	NEW ▶	3RV2421-1AA10		--
2	1.4 ... 2	42	100	NEW ▶	3RV2421-1BA10		--
2.5	1.8 ... 2.5	52	100	NEW ▶	3RV2421-1CA10		--
3.2	2.2 ... 3.2	65	100	NEW ▶	3RV2421-1DA10		--
4	2.8 ... 4	82	100	NEW ▶	3RV2421-1EA10		--
5	3.5 ... 5	104	100	NEW ▶	3RV2421-1FA10		--
6.3	4.5 ... 6.3	130	100	NEW ▶	3RV2421-1GA10		--
8	5.5 ... 8	163	100	NEW ▶	3RV2421-1HA10		--
10	7 ... 10	208	100	NEW ▶	3RV2421-1JA10		--
12.5	9 ... 12.5	260	100	NEW ▶	3RV2421-1KA10		--
16	10 ¹⁾ ... 16	286	55	▶	3RV2421-4AA10	2	3RV2421-4AA20
20	13 ¹⁾ ... 20	325	55	▶	3RV2421-4BA10	▶	3RV2421-4BA20
22	16 ¹⁾ ... 22	364	55	▶	3RV2421-4CA10	2	3RV2421-4CA20
25	18 ¹⁾ ... 25	400	55	▶	3RV2421-4DA10	2	3RV2421-4DA20

¹⁾ The setting range of the thermal overload releases has been extended.

Auxiliary switches and other accessories can be ordered separately (see "Accessories" from page 7/44 onwards).

Motor Starter Protectors/Circuit Breakers

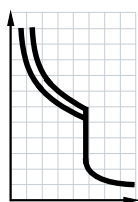
SIRIUS 3RV2 Motor Starter Protectors/Circuit Breakers

For transformer protection





CLASS 10, without auxiliary switches

Motor starter protectors for the protection of transformers with high inrush current

PU (UNIT, SET, M) = 1
 PS* = 1 unit
 PG = 41E



3RV2431-4WA10

Rated current	Setting range for thermal overload release	Instantaneous electronic release	Short-circuit breaking capacity at 400 V AC	SD	Screw terminals 	SD	Spring-type terminals 	
I_n			I_{cu}		Article No.	Price per PU	Article No.	Price per PU
A	A	A	kA	d		d		
Size S2								
14	9.5 ... 14	328	65	2	3RV2431-4SA10		--	
17	12 ... 17	410	65	2	3RV2431-4TA10		--	
20	14 ... 20	410	65	2	3RV2431-4BA10		--	
25	18 ... 25	512	65	2	3RV2431-4DA10		--	
32	22 ... 32	656	65	▶	3RV2431-4EA10		--	
36	28 ... 36	820	65	2	3RV2431-4PA10		--	
40	32 ... 40	820	65	2	3RV2431-4UA10		--	
45	35 ... 45	922	65	2	3RV2431-4VA10		--	
52	42 ... 52	1 025	65	2	3RV2431-4WA10		--	
59	49 ... 59	1 040	65	2	3RV2431-4XA10		--	
65	54 ... 65	1 040	65	2	3RV2431-4JA10		--	

Auxiliary switches and other accessories can be ordered separately (see "Accessories" from page 7/44 onwards).

Motor Starter Protectors/Circuit Breakers

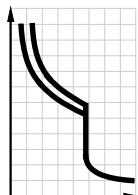
SIRIUS 3RV2 Motor Starter Protectors/Circuit Breakers

For system protection according to UL 489/CSA C22.2 No. 5

Selection and ordering data

Without auxiliary switches

Circuit breakers for system protection and non-motor loads according to UL/CSA



3RV2711-0AD10



3RV2742-5FD10

Rated current ¹⁾ I_n ¹⁾ A	Thermal overload release (non-adjustable) A	Instantaneous electronic release A	Short-circuit breaking capacity at 480 Y/277 V AC ²⁾ 480 V AC		SD d	Screw terminals ⊕ Article No.	PU (UNIT, SET, M) Price per PU	PS*	PG
			I_{bc} kA						
Size S00									
0.16	0.16	2.1	65	--	5	3RV2711-0AD10	1	1 unit	41E
0.2	0.2	2.6	65	--	5	3RV2711-0BD10	1	1 unit	41E
0.25	0.25	3.3	65	--	5	3RV2711-0CD10	1	1 unit	41E
0.32	0.32	4.2	65	--	5	3RV2711-0DD10	1	1 unit	41E
0.4	0.4	5.2	65	--	5	3RV2711-0ED10	1	1 unit	41E
0.5	0.5	6.5	65	--	5	3RV2711-0FD10	1	1 unit	41E
0.63	0.63	8.2	65	--	5	3RV2711-0GD10	1	1 unit	41E
0.8	0.8	10	65	--	5	3RV2711-0HD10	1	1 unit	41E
1	1	13	65	--	2	3RV2711-0JD10	1	1 unit	41E
1.25	1.25	16	65	--	5	3RV2711-0KD10	1	1 unit	41E
1.6	1.6	21	65	--	2	3RV2711-1AD10	1	1 unit	41E
2	2	26	65	--	2	3RV2711-1BD10	1	1 unit	41E
2.5	2.5	33	65	--	2	3RV2711-1CD10	1	1 unit	41E
3.2	3.2	42	65	--	2	3RV2711-1DD10	1	1 unit	41E
4	4	52	65	--	2	3RV2711-1ED10	1	1 unit	41E
5	5	65	65	--	2	3RV2711-1FD10	1	1 unit	41E
6.3	6.3	82	65	--	2	3RV2711-1GD10	1	1 unit	41E
8	8	104	65	--	2	3RV2711-1HD10	1	1 unit	41E
10	10	130	65	--	2	3RV2711-1JD10	1	1 unit	41E
12.5	12.5	163	65	--	2	3RV2711-1KD10	1	1 unit	41E
15	15	208	65	--	2	3RV2711-4AD10	1	1 unit	41E
Size S0									
20	20	260	50	--	2	3RV2721-4BD10	1	1 unit	41E
22	22	286	50	--	2	3RV2721-4CD10	1	1 unit	41E
Size S3³⁾									
10	10	150	65	65	5	3RV2742-5AD10	1	1 unit	41E
15	15	225	65	65	5	3RV2742-5BD10	1	1 unit	41E
20	20	260	65	65	5	3RV2742-5CD10	1	1 unit	41E
25	25	325	65	65	5	3RV2742-5DD10	1	1 unit	41E
30	30	390	65	65	5	3RV2742-5ED10	1	1 unit	41E
35	35	455	65	--	5	3RV2742-5FD10	1	1 unit	41E
40	40	520	65	--	5	3RV2742-5GD10	1	1 unit	41E
45	45	585	65	--	5	3RV2742-5HD10	1	1 unit	41E
50	50	650	65	--	5	3RV2742-5JD10	1	1 unit	41E
60	60	780	65	--	5	3RV2742-5LD10	1	1 unit	41E
70	70	910	65	--	5	3RV2742-5QD10	1	1 unit	41E

¹⁾ Rated value 100% according to UL 489 and IEC 60947-2 ("100% rated breaker").

²⁾ Values for 600 Y/347 V AC, see page 7/18.

³⁾ Transverse auxiliary switches cannot be used for 3RV2742.

Lateral and transverse auxiliary switches can be ordered separately (see "Accessories" page 7/44 onwards).

Motor Starter Protectors/Circuit Breakers

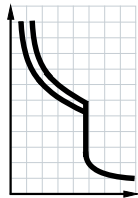
SIRIUS 3RV2 Motor Starter Protectors/Circuit Breakers

For transformer protection according to UL 489/CSA C22.2 No.5



Selection and ordering data

Without auxiliary switches

Circuit breakers for system and transformer protection according to UL/CSA, specially designed for transformers with high inrush current



3RV2811-0AD10

Rated current ¹⁾	Thermal overload release (non-adjustable)	Instantaneous electronic release	Short-circuit breaking capacity at 480 Y/277 V AC ²⁾	SD	Screw terminals 	PU (UNIT, SET, M)	PS*	PG
$I_n^{1)}$		$I >$	I_{bc}		Article No.	Price per PU		
A	A	A	kA	d				
Size S00								
0.16	0.16	3.3	65	5	3RV2811-0AD10		1	1 unit 41E
0.2	0.2	4.2	65	5	3RV2811-0BD10		1	1 unit 41E
0.25	0.25	5.2	65	5	3RV2811-0CD10		1	1 unit 41E
0.32	0.32	6.5	65	5	3RV2811-0DD10		1	1 unit 41E
0.4	0.4	8.2	65	5	3RV2811-0ED10		1	1 unit 41E
0.5	0.5	10	65	5	3RV2811-0FD10		1	1 unit 41E
0.63	0.63	13	65	5	3RV2811-0GD10		1	1 unit 41E
0.8	0.8	16	65	5	3RV2811-0HD10		1	1 unit 41E
1	1	21	65	2	3RV2811-0JD10		1	1 unit 41E
1.25	1.25	26	65	2	3RV2811-0KD10		1	1 unit 41E
1.6	1.6	33	65	2	3RV2811-1AD10		1	1 unit 41E
2	2	42	65	2	3RV2811-1BD10		1	1 unit 41E
2.5	2.5	52	65	2	3RV2811-1CD10		1	1 unit 41E
3.2	3.2	65	65	2	3RV2811-1DD10		1	1 unit 41E
4	4	82	65	2	3RV2811-1ED10		1	1 unit 41E
5	5	104	65	2	3RV2811-1FD10		1	1 unit 41E
6.3	6.3	130	65	2	3RV2811-1GD10		1	1 unit 41E
8	8	163	65	2	3RV2811-1HD10		1	1 unit 41E
10	10	208	65	2	3RV2811-1JD10		1	1 unit 41E
12.5	12.5	260	65	2	3RV2811-1KD10		1	1 unit 41E
15	15	286	65	2	3RV2811-4AD10		1	1 unit 41E
Size S0								
20	20	325	50	2	3RV2821-4BD10		1	1 unit 41E
22	22	364	50	5	3RV2821-4CD10		1	1 unit 41E

¹⁾ Rated value 100% according to UL 489 and IEC 60947-2 ("100% rated breaker").

²⁾ Values for 600 Y/347 V AC, see page 7/18.

Lateral and transverse auxiliary switches can be ordered separately (see "Accessories" page 7/44 onwards).

Motor Starter Protectors/Circuit Breakers

SIRIUS 3RV2 Motor Starter Protectors/Circuit Breakers

Accessories

Mountable accessories

Overview

Mounting location and function

The 3RV2 motor starter protectors/circuit breakers have three main contact elements. In order to achieve maximum flexibility, auxiliary switches, signaling switches, auxiliary releases and isolator modules can be supplied separately.

These components are easily fitted to the switches without the use of any tools according to requirements.

Overview graphic, [see page 7/7](#).

<p>Front side</p> <p><u>Notes:</u></p> <ul style="list-style-type: none"> A maximum of four auxiliary contacts with auxiliary switches can be mounted on each motor starter protector/circuit breaker Transverse auxiliary switches cannot be used for circuit breaker 3RV2742 (size S3). 	<p>Transverse auxiliary switches, solid-state compatible transverse auxiliary switches</p> <p>1 NO + 1 NC or 2 NO or 1 CO</p>	<p>An auxiliary switch block can be inserted transversely on the front. The overall width of the motor starter protectors/circuit breakers remains unchanged.</p>
<p>Left-hand side</p> <p><u>Notes:</u></p> <ul style="list-style-type: none"> A maximum of four auxiliary contacts with auxiliary switches can be mounted on each motor starter protector/circuit breaker Lateral auxiliary switches (two contacts) and signaling switches can be mounted separately or together Signaling switches cannot be used for 3RV1011, 3RV27 and 3RV28 circuit breakers Only lateral auxiliary switches can be used for 3RV2742 (size S3) 	<p>Lateral auxiliary switches (2 contacts)</p> <p>1 NO + 1 NC or 2 NO or 2 NC</p>	<p>One of the three lateral auxiliary switches can be mounted on the left side per motor starter protector/circuit breaker. The contacts of the auxiliary switch close and open together with the main contacts of the motor starter protector/circuit breaker.</p> <p>The width of the lateral auxiliary switch with two contacts is 9 mm.</p>
	<p>Lateral auxiliary switches (4 contacts)</p> <p>2 NO + 2 NC</p>	<p>One lateral auxiliary switch with four contacts can be mounted on the left side per motor starter protector/circuit breaker. The contacts of the auxiliary switch close and open together with the main contacts of the motor starter protector/circuit breaker.</p> <p>The width of the lateral auxiliary switch with four contacts is 18 mm.</p>
	<p>Signaling switches</p> <p>Tripping 1 NO + 1 NC Short circuit 1 NO + 1 NC</p>	<p>One signaling switch can be mounted on the left side of each motor starter protector.</p> <p>The signaling switch has two contact systems.</p> <p>One contact system always signals tripping irrespective of whether this was caused by a short circuit, an overload or an auxiliary release. The other contact system only switches in the event of a short circuit. There is no signaling as a result of switching off with the actuator.</p> <p>In order to be able to switch on the motor starter protector again after a short circuit, the signaling switch must be reset manually after the error cause has been eliminated.</p> <p>The width of the signaling switch is 18 mm.</p>
<p>Right-hand side</p> <p><u>Notes:</u></p> <ul style="list-style-type: none"> One auxiliary release can be mounted per motor starter protector/circuit breaker Accessories cannot be mounted on the right-hand side of the 3RV21 motor starter protectors for motor protection with overload relay function 	<p>Auxiliary releases</p> <p>Shunt releases</p> <p>or</p> <p>Undervoltage releases</p> <p>or</p> <p>Undervoltage releases with leading auxiliary contacts 2 NO Own version for 3RV1011</p>	<p>For remote-controlled tripping of the motor starter protector/circuit breaker. The release coil should only be energized for short periods (see circuit diagrams).</p> <p>Trips the motor starter protector/circuit breaker when the voltage is interrupted and prevents the motor from being restarted accidentally when the voltage is restored. Used for remote-controlled tripping of the motor starter protector/circuit breaker.</p> <p>Particularly suitable for EMERGENCY STOP disconnection by way of corresponding EMERGENCY STOP pushbuttons according to EN 60204-1.</p> <p>Function and use as for the undervoltage release without leading auxiliary contacts, but with the following additional function: the auxiliary contacts will open in switch position OFF to deenergize the coil of the undervoltage release, thus interrupting energy consumption. In the "tripped" position, these auxiliary contacts are not guaranteed to open. The leading contacts permit the motor starter protector/circuit breaker to reclose.</p> <p>The width of the auxiliary release is 18 mm.</p>
<p>Top</p> <p><u>Notes:</u></p> <ul style="list-style-type: none"> Isolator modules cannot be used for 3RV1011, 3RV27 and 3RV28 circuit breakers Isolator module for size S2: <ul style="list-style-type: none"> only with 3RV2 motor starter protectors/circuit breakers up to max. 65 A not with the transverse auxiliary switch Terminal screws of the transverse auxiliary switch are covered by the isolator module; Recommendation: Lateral auxiliary switches should be used in combination with the isolator module, or the isolator module should not be mounted until the auxiliary switch has been wired up 	<p>Isolator modules</p>	<p>Isolator modules can be mounted to the upper connection side of the motor starter protectors.</p> <p>The supply cable is connected to the motor starter protector through the isolator module.</p> <p>The plug can only be unplugged when the motor starter protector is open and isolates all 3 poles of the motor starter protector from the network. The shock-protected isolation point is clearly visible and secured with a pad-lock to prevent reinsertion of the plug.</p>

For a complete overview of which accessories can be used for the various motor starter protectors/circuit breakers, [see page 7/2](#).

Motor Starter Protectors/Circuit Breakers

SIRIUS 3RV2 Motor Starter Protectors/Circuit Breakers

Accessories

Mountable accessories

Selection and ordering data

PU (UNIT, SET, M) = 1
 PS* = 1 unit (unless otherwise specified)
 PG = 41E

Version	For motor starter protectors/circuit breakers	SD	Screw terminals 	SD	Spring-type terminals 	
Article No.	Price per PU	d	Article No.	Price per PU	Article No.	Price per PU
Auxiliary switches¹⁾						
 3RV2901-1E	Transverse auxiliary switches For front mounting 1 CO 1 NO + 1 NC 2 NO	S00 ... S3	▶	3RV2901-1D 3RV2901-1E 3RV2901-1F	▶	-- 3RV2901-2E 3RV2901-2F
 3RV2901-2E	Solid-state compatible transverse auxiliary switches For mounting on the front, for operation in dusty atmosphere and in solid-state circuits with low operating currents					
 3RV2901-1G	1 CO	S00 ... S3	2	3RV2901-1G		--
 3RV2901-0H	Covers for transverse auxiliary switches (PS* = 10 units)	S00 ... S3	2	3RV2901-0H		--
 3RV2901-1A	Lateral auxiliary switches For mounting on the left 1 NO + 1 NC 2 NO 2 NC 2 NO + 2 NC	S00 ... S3	▶	3RV2901-1A 3RV2901-1B 3RV2901-1C 3RV2901-1J	▶	3RV2901-2A 3RV2901-2B 3RV2901-2C --
 3RV2901-2A						
Signaling switches²⁾						
 3RV2921-1M	Signaling switches One signaling switch can be mounted on the left per motor starter protector. Separate tripped and short-circuit alarms, 1 NO + 1 NC each	S00 ⁴⁾ ... S3	▶	3RV2921-1M	▶	3RV2921-2M
 3RV2921-2M						
Isolator modules²⁾						
 3RV2928-1A	Isolator modules Visible isolating distance for isolating individual motor starter protectors from the network, lockable in disconnected position	S00, S0 S2 ³⁾ ⁴⁾	▶	3RV2928-1A 3RV2938-1A		-- --
 3RV2938-1A						

¹⁾ Each motor starter protector/circuit breaker can be fitted with one transverse and one lateral auxiliary switch. The lateral auxiliary switch with 2 NO + 2 NC is used without a transverse auxiliary switch.

²⁾ This accessory cannot be used for the 3RV27 and 3RV28 circuit breakers (sizes S00, S0, S3).

³⁾ The isolator module for size S2 can be used only with 3RV2 motor starter protectors/circuit breakers up to max. 65 A. Similarly, it cannot be used with the transverse auxiliary switch.

⁴⁾ Not for 3RV1011.

Motor Starter Protectors/Circuit Breakers

SIRIUS 3RV2 Motor Starter Protectors/Circuit Breakers

Accessories

Mountable accessories

PU (UNIT, SET, M) = 1
 PS* = 1 unit
 PG = 41E



3RV2902-1AV0





3RV2902-2AV0



3RV2922-1CP0



3RV2902-2DB0

Rated control supply voltage U_s					For motor starter protectors/circuit breakers	SD	Screw terminals 		Spring-type terminals 	
AC 50 Hz	AC 60 Hz	AC 50/60 Hz	AC/DC 50/60 Hz, DC 5 s ON period ²⁾	DC			Article No.	Price per PU	Article No.	Price per PU
V	V	V	V	V	Size	d				
Auxiliary releases³⁾										
Undervoltage releases										
--	--	--	--	24	S00 ... S3	2	3RV2902-1AB4	--	--	--
24	24	--	--	--	S00 ... S3	2	3RV2902-1AB0	--	--	--
110	120	--	--	--	S00 ... S3	2	3RV2902-1AF0	--	--	--
--	208	--	--	--	S00 ... S3	2	3RV2902-1AM1	--	--	--
230	240	--	--	--	S00 ... S3	▶	3RV2902-1AP0	▶	3RV2902-2AP0	--
400	440	--	--	--	S00 ... S3	▶	3RV2902-1AV0	▶	3RV2902-2AV0	--
415	480	--	--	--	S00 ... S3	2	3RV2902-1AV1	--	--	--
500	600	--	--	--	S00 ... S3	2	3RV2902-1AS0	--	--	--
Undervoltage releases with leading auxiliary contacts 2 NO										
24	24	--	--	--	S00 ⁴⁾ ... S3	5	3RV2922-1CB0	--	--	--
230	240	--	--	--	S00 ⁴⁾ ... S3	2	3RV2922-1CP0	2	3RV2922-2CP0	--
400	440	--	--	--	S00 ⁴⁾ ... S3	2	3RV2922-1CV0	2	3RV2922-2CV0	--
415	480	--	--	--	S00 ⁴⁾ ... S3	2	3RV2922-1CV1	2	3RV2922-2CV1	--
Shunt releases										
--	--	20 ... 24	20 ... 70	--	S00 ... S3	▶	3RV2902-1DB0	▶	3RV2902-2DB0	--
--	--	90 ... 110	70 ... 190	--	S00 ... S3	2	3RV2902-1DF0	2	3RV2902-2DF0	--
--	--	210 ... 240	190 ... 330	--	S00 ... S3	▶	3RV2902-1DP0	▶	3RV2902-2DP0	--
--	--	350 ... 415	330 ... 500	--	S00 ... S3	2	3RV2902-1DV0	--	--	--
--	--	500	500	--	S00 ... S3	2	3RV2902-1DS0	--	--	--

¹⁾ The voltage range is valid for 100% (infinite) ON period. The response voltage lies at 0.9 of the lower limit of the voltage range.

²⁾ The voltage range is valid for 5 s ON period at AC 50/60 Hz and DC. The response voltage lies at 0.85 of the lower limit of the voltage range.

³⁾ One auxiliary release can be mounted on the right per motor starter protector/circuit breaker (does not apply to 3RV21 motor starter protectors with overload relay function).

⁴⁾ Not for 3RV1011.

Motor Starter Protectors/Circuit Breakers

SIRIUS 3RV2 Motor Starter Protectors/Circuit Breakers

Accessories

Busbar accessories

Overview

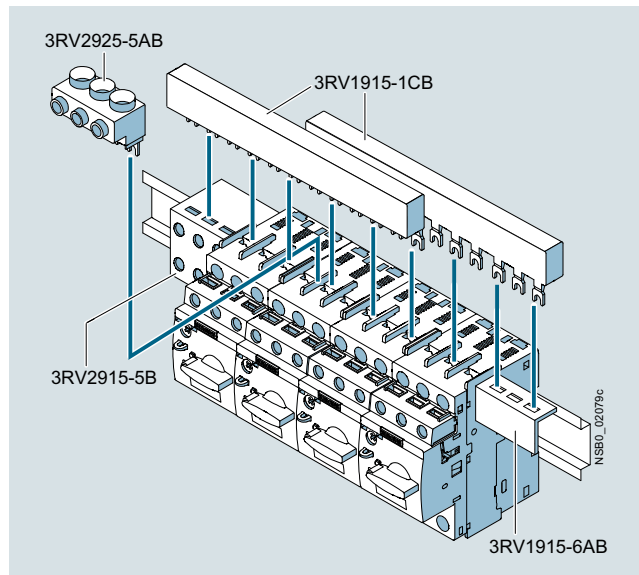
Insulated three-phase busbar system

Three-phase busbar systems provide an easy, time-saving and clearly arranged means of feeding 3RV2 motor starter protectors/circuit breakers with screw terminals. Different versions are available for sizes S00 to S2 and can be used for the various different types of motor starter protectors/circuit breakers (size S0 up to 32 A).

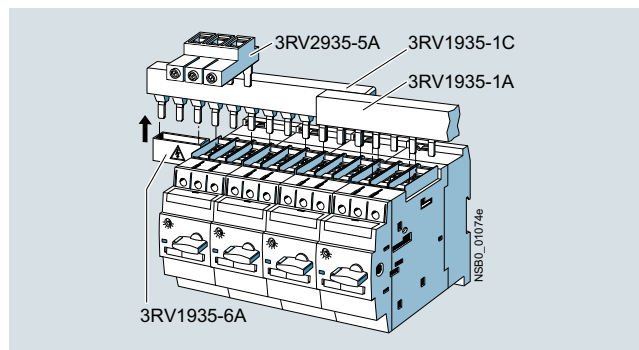
The 3RV1915 and 3RV1935 three-phase busbar systems are generally unsuitable for the 3RV21 motor starter protectors for motor protection with overload relay function and 3RV27 and 3RV28 circuit breakers according to UL 489/CSA C22.2 No. 5.

The busbars are suitable for between two and five motor starter protectors/circuit breakers. However, any kind of extension is possible by clamping the tags of an additional busbar (rotated by 180°) underneath the terminals of the respective last motor starter protector/circuit breaker.

A combination of motor starter protectors/circuit breakers of size S00 and S0 is possible. The motor starter protectors/circuit breakers are supplied by appropriate infeed terminals.



SIRIUS three-phase busbar system size S00/S0



SIRIUS three-phase busbar system size S2

The three-phase busbar systems are finger-safe. They are designed for any short-circuit stress which can occur at the output side of connected motor starter protectors/circuit breakers.

The three-phase busbar systems can also be used to construct "Type E Starters" according to UL/CSA. Special infeed terminals must be used for this purpose, however (see "Selection and ordering data", page 7/48).

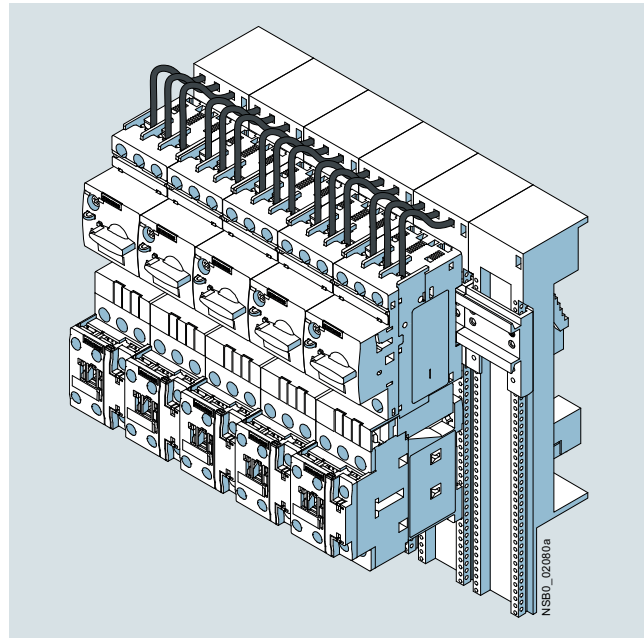
8US busbar adapters for 60 mm systems

The motor starter protectors/circuit breakers are mounted directly with the aid of busbar adapters on busbar systems with 60 mm center-to-center clearance in order to save space and to reduce infeed times and costs.

Busbar adapters for busbar systems with 60 mm center-to-center clearance are suitable for copper busbars with a width of 12 mm to 30 mm. The busbars can be 5 mm or 10 mm thick.

The motor starter protectors/circuit breakers are snapped onto the adapter and connected on the line side. This prepared unit is then plugged directly onto the busbar system, and is thus connected both mechanically and electrically at the same time.

For further busbar adapters for snap-mounting direct-on-line starters and reversing starters as well as additional accessories such as line terminals and outgoing terminals, flat copper profile, etc., see [Catalog LV 10](#).



SIRIUS load feeders with busbar adapters snapped onto busbars





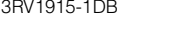
Motor Starter Protectors/Circuit Breakers

SIRIUS 3RV2 Motor Starter Protectors/Circuit Breakers

Accessories

Busbar accessories

Selection and ordering data

Modular spacing	Number of motor starter protectors that can be connected			Rated current I_n at 690 V	For motor starter protectors/circuit breakers	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
	Without lateral accessories	With lateral auxiliary switch	Incl. auxiliary release									
mm				A	Size	d						
Three-phase busbars¹⁾												
For feeding several motor starter protectors with screw terminals, mounted side by side on standard mounting rails, insulated, with touch protection												
 3RV1915-1AB	45 ³⁾	2	--	--	63	S00, S0 ²⁾	▶	3RV1915-1AB		1	1 unit	41E
		3	--	--	63	S00, S0 ²⁾	▶	3RV1915-1BB		1	1 unit	41E
		4	--	--	63	S00, S0 ²⁾	▶	3RV1915-1CB		1	1 unit	41E
		5	--	--	63	S00, S0 ²⁾	▶	3RV1915-1DB		1	1 unit	41E
 3RV1915-1BB	55 ⁴⁾	--	2	--	63	S00, S0 ²⁾	▶	3RV1915-2AB		1	1 unit	41E
		--	3	--	63	S00, S0 ²⁾	▶	3RV1915-2BB		1	1 unit	41E
		--	4	--	63	S00, S0 ²⁾	▶	3RV1915-2CB		1	1 unit	41E
 3RV1915-1CB		--	5	--	63	S00, S0 ²⁾	▶	3RV1915-2DB		1	1 unit	41E
		2	--	--	108	S2	▶	3RV1935-1A		1	1 unit	41E
		3	--	--	108	S2	▶	3RV1935-1B		1	1 unit	41E
 3RV1915-1DB		4	--	--	108	S2	▶	3RV1935-1C		1	1 unit	41E
	63 ⁵⁾	--	--	2	63	S00, S0 ²⁾	▶	3RV1915-3AB		1	1 unit	41E
		--	--	4	63	S00, S0 ²⁾	▶	3RV1915-3CB		1	1 unit	41E
 3RV1915-1DB	75 ⁵⁾	--	2	2	108	S2	▶	3RV1935-3A		1	1 unit	41E
		--	3	3	108	S2	▶	3RV1935-3B		1	1 unit	41E
		--	4	4	108	S2	▶	3RV1935-3C		1	1 unit	41E

¹⁾ Not suitable for 3RV21 motor starter protectors for motor protection with overload relay function and for 3RV27 and 3RV28 circuit breakers according to UL 489/CSA C22.2 No. 5.

²⁾ Approved for motor starter protectors size S0 with $I_n \leq 32$ A.

³⁾ For 3RV2 motor starter protectors without accessories mounted on the side.

⁴⁾ For 3RV2 motor starter protectors with auxiliary switches with 1 NO + 1 NC, 2 NO and 2 NC mounted on the left (9 mm wide).




⁵⁾ For 3RV2 motor starter protectors with mounted accessories (18 mm wide). Auxiliary switches with 2 NO + 2 NC or signaling switch (mounted on the left) or with auxiliary release (mounted on the right).

Version	Modular spacing	For motor starter protectors/circuit breakers	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	mm	Size	d					
	45	S00, S0	▶	3RV1915-5DB		1	1 unit	41E

Connecting pieces for three-phase busbars



For connecting three-phase busbars for motor starter protectors of size S0 (left) to size S00 (right)		45	S00, S0	▶	3RV1915-5DB		1	1 unit	41E
---	--	----	---------	---	--------------------	--	---	--------	-----

Conductor cross-section		Tightening torque	For motor starter protectors/circuit breakers	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG		
Solid or stranded	Finely stranded with end sleeve										
mm ²	mm ²	AWG	Nm	Size	d						
Three-phase infeed terminals											
Connection from top											
 3RV2925-5AB	2.5 ... 25	4 ... 16	10 ... 4	4	S00 ²⁾	▶	3RV1915-5A		1	1 unit	41E
	2.5 ... 25	2.5 ... 16	10 ... 4	3 ... 4	S00, S0	▶	3RV2925-5AB		1	1 unit	41E
	2 x (2.5 ... 50) ¹⁾	2 x (2.5 ... 35) ¹⁾	2 x (10 ... 1/0) ¹⁾	4 ... 6	S2	▶	3RV2935-5A		1	1 unit	41E
 3RV2935-5A	1 x (2.5 ... 70) ¹⁾	1 x (2.5 ... 50) ¹⁾	1 x (10 ... 2/0) ¹⁾								
	Connection from below										
Terminal is connected in place of a switch, take space requirement into account											
 3RV2915-5B	2.5 ... 25	2.5 ... 16	10 ... 4	Input: 4, output: 2 ... 2.5	S00, S0	▶	3RV2915-5B		1	1 unit	41E

Three-phase infeed terminals



¹⁾ If two different conductor cross-sections are connected to one clamping point, both cross-sections must be in the range specified.

²⁾ For 3RV1011.

Motor Starter Protectors/Circuit Breakers

SIRIUS 3RV2 Motor Starter Protectors/Circuit Breakers

Accessories

Busbar accessories

Conductor cross-section			Tightening torque	For motor starter protectors/circuit breakers	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Solid or stranded	Finely stranded with end sleeve	AWG cables, solid or stranded								
mm ²	mm ²	AWG	Nm	Size	d					

Three-phase infeed terminals for constructing "Type E Starters"



3RV2925-5EB



3RV2935-5E

Connection from top

2.5 ... 25	2.5 ... 16	10 ... 4	3 ... 4	S00, S0	2
2 x	2 x	2 x	4 ... 6	S2	▶
(2.5 ... 50) ¹⁾ , 1 x (2.5 ... 70) ¹⁾	(2.5 ... 35) ¹⁾ , 1 x (2.5 ... 50) ¹⁾	(10 ... 1/0) ¹⁾ , 1 x (10 ... 2/0) ¹⁾			

3RV2925-5EB

1 1 unit 41E

3RV2935-5E

1 1 unit 41E

¹⁾ If two different conductor cross-sections are connected to one clamping point, both cross-sections must be in the range specified.

Version	For motor starter protectors/circuit breakers	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	Size	d					

Covers for connection tags



3RV1915-6AB

Touch protection for empty positions

S00, S0

▶

3RV1915-6AB

1 10 units 41E

S2

▶

3RV1935-6A

1 5 units 41E