

# IEC Power Control

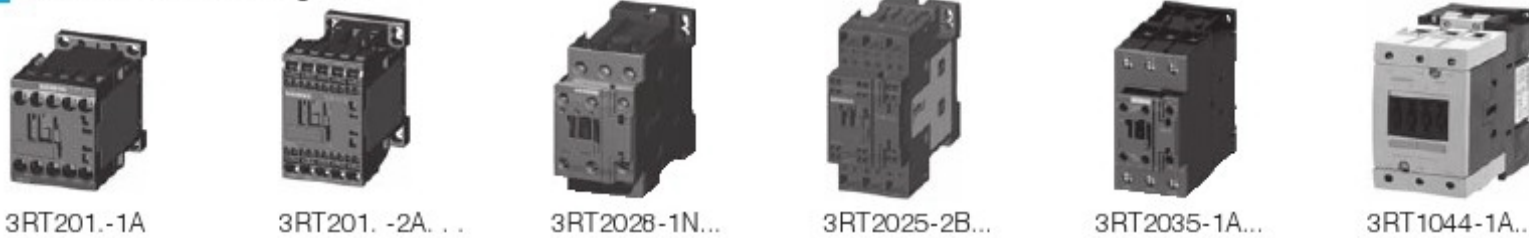
## Contactors for Switching Motors

3RT contactors, 3-pole  
Size S00 to S3

Revised  
09/22/15



### Selection and ordering data



Frame Size	Amp Ratings		Single-phase HP ratings			Three-phase HP ratings				Auxiliary contacts		Screw Terminals	Spring-Loaded Terminals <sup>1)</sup>	Weight approx.  kg
	AC3	AC1	115V	208V	230V	208V	230V	460V	575V	NO	NC			
3RT 3-pole contactors														
S00	7	18	0.25	0.5	0.75	1.5	2	3	5	1	0	3RT2015-1□●●1	3RT2015-2□●●1	0.24/0.29
										0	1	3RT2015-1□●●2	3RT2015-2□●●2	
	9	22	0.33	1	1	2	3	5	7.5	1	0	3RT2016-1□●●1	3RT2016-2□●●1	
										0	1	3RT2016-1□●●2	3RT2016-2□●●2	
	12	22	0.5	1.5	2	3	3	7.5	10	1	0	3RT2017-1□●●1	3RT2017-2□●●1	
										0	1	3RT2017-1□●●2	3RT2017-2□●●2	
	16	22	1	2	2	3	5	10	10	1	0	3RT2018-1□●●1	3RT2018-2□●●1	
										0	1	3RT2018-1□●●2	3RT2018-2□●●2	
S0	9	40	1	1	1	2	3	5	7.5	1	1	3RT2023-1□●●0	3RT2023-2□●●0	0.42/0.60
	12	40	1	2	2	3	3	7.5	10	1	1	3RT2024-1□●●0	3RT2024-2□●●0	
	16	40	1	2	3	5	5	10	15	1	1	3RT2025-1□●●0	3RT2025-2□●●0	
	25	40	2	3	3	7.5	7.5	15	20	1	1	3RT2026-1□●●0	3RT2026-2□●●0	
	32	50	2	5	5	10	10	20	25	1	1	3RT2027-1□●●0	3RT2027-2□●●0	
	38	50	3	5	5	10	10	25	25	1	1	3RT2028-1□●●0	3RT2028-2□●●0	
S2	40	60	3	5	7.5	10	15	30	40	1	1	3RT2035-1□●●0	3RT2035-3□●●0	0.99/1.121
	50	70	3	7.5	10	15	15	40	50	1	1	3RT2036-1□●●0	3RT2036-3□●●0	
	65	80	5	10	10	20	20	50	50	1	1	3RT2037-1□●●0	3RT2037-3□●●0	
	80 <sup>2)</sup>	90	5	10	15	20	25	50	60	1	1	3RT2038-1□●●0	3RT2038-3□●●0	
S3	65	100	5	10	15	20	25	50	60	0	0	3RT1044-1□●●0	3RT1044-3□●●0	1.8/2.8
	80	120	7.5	15	15	25	30	60	75	0	0	3RT1045-1□●●0	3RT1045-3□●●0	
	95	120	10	15	20	30	30	75	100	0	0	3RT1046-1□●●0	3RT1046-3□●●0	
												□ AC Coil = A □ DC Coil = B □ UC Coil = N	□ A □ B □ N	
Size S0 and S2 only: UC Electronic with integrated varistor														

NEMA Size	Amp Ratings	Single-phase HP ratings		Three-phase HP ratings				Auxiliary contacts		Screw Terminals with AC coil	Screw Terminals with 24 VDC coil	Weight approx.
		115V	230V	208V	230V	460V	575V	NO	NC	Order No.	Order No.	kg
NEMA Labeled Contactors												
0	18	1	2	3	3	5	5	1	0	3RT2018-1A●●1-0UA0	3RT2018-1BB41-0UA0	0.28
1	27	2	3	7.5	7.5	10	10	1	1	3RT2027-1A●●0-0UA0	3RT2027-1BB40-0UA0	0.42
2	45	3	7.5	10	15	25	25	0	0	3RT2036-1A●●0-0UA0	3RT2036-1NB30-0UA0	0.986/1.121
3	90	7.5	15	25	30	50	50	0	0	3RT1046-1A●●0-0UA0	3RT1046-1BB40-0UA0	1.8 / 2.8

- 1) All terminals are spring loaded on frame sizes S00 & S0.  
Only the coil terminals are spring loaded on frame sizes S2 & S3.
- 2) Max UL FLA = 65A at 460V

Note: Ring lug terminals are also available in size S00 & S0 contactors, except contactors with communication interface or UC coil. Change the 8th digit of the order number to a "4", e. g. 3RT2015-4AK61.

For further coil voltages, see page 2/49.  
For auxiliaries and accessories, see page 2/66-2/83.  
For spare parts, see page 2/94-2/99.  
For technical data, see page 2/121-2/142.  
For description, see page 2/104-2/105.  
For int. circuit diagrams, see page 2/190-2/197.  
For dimension drawings, see page 2/209-2/212.

### AC Coil Selection for 3RT201 through 3RT104

Coil Code	C2 <sup>2)</sup>	H2 <sup>3)</sup>	K6	P6	U6	V6	T6
60 Hz	24 V	48 V	120 V	240 V	277 V	480 V	600 V
50 Hz	24 V	48 V	110 V	220 V	—	—	—

<sup>2)</sup> Use Code B0 for 3RT201, S00

<sup>3)</sup> Use Code H0 for 3RT201, S00

### DC Coil Selection for 3RT201, 3RT202, 3RT104 (for 3RT203 see UC)

Coil Code	A4 <sup>4)</sup>	B4	W4	E4	F4	G4	M4
DC	12 V	24 V	48 V	60 V	110 V	125 V	220 V

<sup>4)</sup> 3RT201 and 3RT202 only

### UC Coil Selection for 3RT202

Coil Code	B3	F3	P3 <sup>4)</sup>
UC	21-28V	95-130V	200-280V

### UC Coil Selection for 3RT203

Coil Code	B3	F3	P3 <sup>4)</sup>
UC	20-33V	83-155V	175-280V

<sup>4)</sup> at upper limit = 1.1 x U<sub>S</sub>