

Contactors and Contactor Assemblies

Contactors for Switching Motors

Control Parts SIRIUS
Call to Order 717-209-7100

3RT10 contactors, 3-pole

Selection and ordering data

* AC or DC Coil

* Screw Terminals or Spring Loaded Terminal



3RT10 1.-1A...



3RT10 1.-2A...



3RT10 2.-1A.00



3RT10 2.-3A.00



3RT10 3.-1A.00



3RT10 4.-1A.00

Frame size	Amp ratings		Single phase HP ratings		Three phase HP ratings				Auxiliary contacts		Screw terminals		Spring loaded terminals ¹⁾		Weight approx. AC/DC kg
	AC3	AC1	115 V	230 V	200 V	230 V	460 V	575 V	NO	NC	Order No.	Order No.			
S00	7	18	0.25	0.75	1.5	2	3	5	1	0	3RT10 15-1□□□1	3RT10 15-2□□□1	0.20/0.26		
	9	22	0.33	1	2	3	5	7.5	1	0	3RT10 16-1□□□1	3RT10 16-2□□□1			
	12	22	0.5	2	3	3	7.5	10	1	0	3RT10 17-1□□□1	3RT10 17-2□□□1			
									0	1	3RT10 17-1□□□2	3RT10 17-2□□□2			
S0	9	40	0.33	1	2	3	5	7.5	0	0	3RT10 23-1□□□0	3RT10 23-3□□□0	0.35/0.58		
	12	40	0.5	2	3	3	7.5	10	0	0	3RT10 24-1□□□0	3RT10 24-3□□□0			
	17	40	1	3	5	5	10	15	0	0	3RT10 25-1□□□0	3RT10 25-3□□□0			
	25	40	2	3	7.5	7.5	15	20	0	0	3RT10 26-1□□□0	3RT10 26-3□□□0			
S2	28	50	2	5	7.5	10	20	25	0	0	3RT10 33-1□□□0	3RT10 33-3□□□0	0.85/1.45		
	32	50	2	5	10	10	25	30	0	0	3RT10 34-1□□□0	3RT10 34-3□□□0			
	40	60	3	7.5	10	15	30	40	0	0	3RT10 35-1□□□0	3RT10 35-3□□□0			
	50	60	3	10	15	15	40	50	0	0	3RT10 36-1□□□0	3RT10 36-3□□□0			
S3	65	100	5	15	20	25	50	60	0	0	3RT10 44-1□□□0	3RT10 44-3□□□0	1.8/2.8		
	80	120	7.5	15	25	30	60	75	0	0	3RT10 45-1□□□0	3RT10 45-3□□□0			
	95	120	10	–	30	30	75	100	0	0	3RT10 46-1□□□0	3RT10 46-3□□□0			

AC Coil = A

DC Coil = B

A

B

NEMA Labeled Contactors

NEMA size	Amp ratings	Single phase HP ratings		Three phase HP ratings				Auxiliary contacts		Screw terminals with AC coil		Screw terminals with 24 V DC coil		Weight approx. AC/DC kg
		115 V	230 V	200 V	230 V	460 V	575 V	NO	NC	Order No.	Order No.			
0	18	1	2	3	3	5	5	1	0	3RT10 17-1A□□1-0UA0	3RT10 17-1BB41-0UA0	0.20/0.26		
1	27	2	3	7.5	7.5	10	10	0	0	3RT10 26-1A□□0-0UA0	3RT10 26-1BB40-0UA0	0.35/0.58		
2	45	3	7.5	10	15	25	25	0	0	3RT10 36-1A□□0-0UA0	3RT10 36-1BB40-0UA0	0.85/1.45		
3	90	10	20	25	30	50	50	0	0	3RT10 46-1A□□0-0UA0	3RT10 46-1BB40-0UA0	1.8/2.8		

¹⁾ All terminals are spring loaded on frame size S00. Only the coil terminals are spring loaded on frame sizes S0, S2 & S3.

For further coil voltages, see page 2/23.
For auxiliaries and accessories, see page 2/35-51.
For spare parts, see page 2/54-58.
For technical data, see page 2/86-107.
For description, see page 2/65-66.
For int. circuit diagrams, see page 2/156.
For dimension drawings, see page 2/172-175.

AC Coil Selection for 3RT101 through 3RT104, □ = A							
Coil Code	C2 ²⁾	H2 ³⁾	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	–	–	–

²⁾ Use code **B0** for 3RT101, S00

³⁾ Use code **H0** for 3RT101, S00

DC Coil Selection for 3RT101 through 3RT104, □ = B							
Coil Code	A4 ⁴⁾	B4	W4	E4	F4	G4	M4
DC	12 V	24 V	48 V	60 V	110 V	125 V	220 V

⁴⁾ 3RT101 only



Selection and ordering data

- * AC/DC Coils with built in surge suppressor
- * Coil Types (40Hz to 60Hz, DC)
- * Conventional Coil
- * Solid-state operated coil with wider range and 24 V DC PLC input
- * Solid-state operated coil with Remaining Lifetime Indication (RLT)
- * Solid-state operated coil with RLT and AS-Interface communication
- * Box terminals ordered separately



3RT10 64-6A-6 3RT10 56-6P-5 3RT10 56-6Q-5

Frame size	Amp ratings		Single phase HP ratings		Three phase HP ratings				Auxiliary contacts		Screw terminals on coil and aux contacts	Spring loaded terminals on coil and aux contacts	Weight approx. kg
	AC3	AC1	115 V	230 V	200 V	230 V	460 V	575 V	NO	NC	Order No.	Order No.	
S6	115	160	-	-	40	50	100	125	2	2	3RT10 54-6□●●6	3RT10 54-2□●●6	3.5
	150	185	-	-	50	60	125	150	2	2	3RT10 55-6□●●6	3RT10 55-2□●●6	
	185	215	-	-	60	75	150	200	2	2	3RT10 56-6□●●6	3RT10 56-2□●●6	
S10	225	275	-	-	60	75	150	200	2	2	3RT10 64-6□●●6	3RT10 64-2□●●6	6.7
	265	330	-	-	75	100	200	250	2	2	3RT10 65-6□●●6	3RT10 65-2□●●6	
	300	330	-	-	100	125	250	300	2	2	3RT10 66-6□●●6	3RT10 66-2□●●6	
S12	400	430	-	-	125	150	300	400	2	2	3RT10 75-6□●●6	3RT10 75-2□●●6	10.5
	500	610	-	-	150	200	400	500	2	2	3RT10 76-6□●●6	3RT10 76-2□●●6	

Conventional Coil = **A** **A**
 Solid State Operated Coil = **N** **N**

Frame size	Amp ratings		Single phase HP ratings		Three phase HP ratings				Auxiliary contacts		Screw terminals on coil and aux contacts	Spring loaded terminals on coil and aux contacts	Weight approx. kg
	AC3	AC1	115 V	230 V	200 V	230 V	460 V	575 V	NO	NC	Order No.	Order No.	
S6	115	160	-	-	40	50	100	125	2	2	3RT10 54-6□●●5	3RT10 54-2□●●5	4
	150	185	-	-	50	60	125	150	2	2	3RT10 55-6□●●5	3RT10 55-2□●●5	
	185	215	-	-	60	75	150	200	2	2	3RT10 56-6□●●5	3RT10 56-2□●●5	
S10	225	275	-	-	60	75	150	200	2	2	3RT10 64-6□●●5	3RT10 64-6□●●5	7
	265	330	-	-	75	100	200	250	2	2	3RT10 65-6□●●5	3RT10 65-6□●●5	
	300	330	-	-	100	125	250	300	2	2	3RT10 66-6□●●5	3RT10 66-6□●●5	
S12	400	430	-	-	125	150	300	400	2	2	3RT10 75-6□●●5	3RT10 75-6□●●5	10.5
	500	610	-	-	150	200	400	500	2	2	3RT10 76-6□●●5	3RT10 76-6□●●5	

Solid State Operated Coil with Remaining Lifetime Indication = **P** **P**
 Solid State Operated Coil with AS-Interface and Remaining Lifetime Indication = **Q** **Q**

NEMA Labeled Contactors with Conventional Coil

NEMA size	Amp ratings	Single phase		Three phase HP ratings				Auxiliary		Screw terminals	Weight approx. AC/DC
		115 V	230 V	200 V	230 V	460 V	575 V	NO	NC	Order No.	
4	135	-	-	40	50	100	100	2	2	3RT10 56-6A●●6-0UA0	3.1/3.1

For further coil voltages, see page 2/23.
 For auxiliaries and accessories, see page 2/35-50.
 For spare parts, see page 2/56-58.
 For technical data, see page 2/86-116.
 For description, see page 2/67-69.
 For int. circuit diagrams, see page 2/156.
 For dimension drawings, see page 2/176-177.

Conventional Coil Selection for 3RT105 through 3RT107, □ = A							
Coil Code	B3	D3	F3	P3	U3	R3	T3
AC 40-60 Hz, DC	23-26 V	42-48 V	110-127 V	220-240 V	240-277 V	440-480 V	575-600 V

Solid State Operated Coil Selection for 3RT105 through 3RT107, □ = N, P, Q			
Coil Code	B3	F3	P3
AC 40-60 Hz, DC	21-27.3 V	96-127 V	200-277 V