



Selection and ordering data

Contactor type	3RT10 1	3RT10 2, 3RT10 3, 3RT10 4, 3RA132, 3, 4	3RT14	3RT13 1, 3RT15 1	3RT13 2 ... 3RT13 4, 3RT15 2 and 3RT15 3	3RT16	
Preferred type (applies only to 12-digit Order Nos.)							
Rated control supply voltages (changes to 10th and 11th positions of the Order No.)							
Sizes S00 to S3							
• AC operation ¹⁾							
Coils for 50 Hz (exception: size S00: 50 and 60 Hz ²⁾)	B0	B0	B0	B0	B0	B0	
AC 24 V	D0	D0	D0	D0	—	—	
AC 42 V	H0	H0	H0	H0	—	—	
AC 48 V	F0	F0	F0	F0	F0	F0	
AC 110 V	P0	P0	P0	P0	P0	P0	
AC 230 V	V0	V0	V0	V0	V0	V0	
Coils for 50 and 60 Hz ²⁾	B0	C2	C2	B0	C2	C2	
AC 24 V	D0	D2	D2	D0	D2	—	
AC 42 V	H0	H2	H2	H0	H2	—	
AC 48 V	F0	G2	G2	F0	G2	G2	
AC 110 V	M2	M2	M2	M2	M2	M2	
AC 208 V	N2	N2	N2	N2	N2	N2	
AC 220 V	P0	L2	L2	P0	L2	L2	
For USA and Canada ³⁾							
50 Hz 60 Hz	K6	K6	K6	K6	K6	K6	
AC 110 V AC 120 V	P6	P6	P6	P6	P6	P6	
AC 220 V AC 240 V	U6	U6	U6	U6	U6	U6	
AC 277 V	V6	V6	V6	V6	V6	V6	
AC 480 V	T6	T6	T6	T6	T6	T6	
For Japan							
50/60 Hz ⁴⁾ 60 Hz ⁵⁾	G6	G6	G6	G6	G6	G6	
AC 100 V AC 110 V	N6	N6	N6	N6	N6	N6	
AC 200 V AC 220 V	R6	R6	R6	R6	R6	R6	
• DC operation ¹⁾							
DC 12 V	A4	—	—	A4	—	—	
DC 24 V	B4	B4	B4	B4	B4	—	
DC 42 V	D4	D4	D4	D4	D4	—	
DC 48 V	W4	W4	W4	W4	—	—	
DC 60 V	E4	E4	E4	—	—	—	
DC 80 V	E8	E8	—	—	—	—	
DC 110 V	F4	F4	F4	F4	F4	—	
DC 125 V	G4	G4	G4	G4	G4	—	
DC 220 V	M4	M4	M4	M4	M4	—	
DC 230 V	P4	P4	P4	P4	—	—	
Sizes S6 to S12							
• AC/DC operation (40 ... 60 Hz, DC)							
Conventional operating mechanism							
$U_{s\min}$ to $U_{s\max}$ ⁶⁾	Size Contactor type 3RT1.5.-.A	S6 3RT1.5.-.A	S10, S12 3RT1.6/7.-.A	$U_{s\min}$ to $U_{s\max}$ ⁶⁾	Size Contactor type 3RT1.5.-.A	S6 3RT1.5.-.A	S10, S12 3RT1.6/7.-.A
AC/DC 23 ... 26 V	► B3	► B3	► B3	AC/DC 240 ... 277 V	U3	U3	
AC/DC 42 ... 48 V	D3	D3	D3	AC/DC 380 ... 420 V	V3	V3	
AC/DC 110 ... 127 V	F3	F3	F3	AC/DC 440 ... 480 V	R3	R3	
AC/DC 200 ... 220 V	M3	M3	M3	AC/DC 500 ... 550 V	S3	S3	
AC/DC 220 ... 240 V	P3	P3	P3	AC/DC 575 ... 600 V	T3	T3	
Solid-state operating mechanism							
$U_{s\min}$ to $U_{s\max}$ ⁶⁾	Size Contactor type 3RT1.5.-.N	S6 3RT1.5.-.P/Q	S10, S12 3RT1.6/7.-.N	3RT1.6/7.-.P/Q			
AC/DC 21 ... 27.3 V	► B3	—	B3	—			
AC/DC 96 ... 127 V	F3	F3	F3	► F3 ⁷⁾			
AC/DC 200 ... 277 V	P3	P3	P3	► P3 ⁷⁾			

No additional charge is made for all voltages indicated above.
Further voltages on request.

- 1) The SITOP power DC 24 V power supply unit with extended-range input (AC 93 ... 264 V; DC 30 ... 264 V) can be used for energizing the coil for other coil voltages and coil voltage tolerances for sizes S00 and S0 (see Part 14).

- 2) Coil voltage tolerance
at 50 Hz: 0.8 ... 1.1 x U_s
at 60 Hz: 0.85 ... 1.1 x U_s

- 3) Coil voltage tolerance
Size S00:
at 50 Hz: 0.85 ... 1.1 x U_s
at 60 Hz: 0.8 ... 1.1 x U_s
Sizes S0 ... S3:
at 50 Hz and 60 Hz: 0.8 ... 1.1 x U_s
- 4) Coil voltage tolerance
Size S00:
at 50/60 Hz: 0.85 ... 1.1 x U_s

Sizes S0 ... S3:
at 50 Hz: 0.8 ... 1.1 x U_s
at 60 Hz: 0.85 ... 1.1 x U_s

5) Coil voltage tolerance
at 60 Hz: 0.8 ... 1.1 x U_s

6) Coil voltage tolerance:
0.8 x $U_{s\min}$... 1.1 x $U_{s\max}$

7) 3RT12 vacuum contactors available from March 2002.