



Selection and ordering data

Contactor type	3RT10 1	3RT10 2,	3RT14	3RT13 1,	3RT13 2 ... 3RT13 4,	3RT16
Rated control supply voltage U_s	3RA131	3RT10 3,		3RT15 1	3RT15 2 and 3RT15 3	
Control supply voltage at 60 Hz		3RT10 4,				
		3RA132, 3, 4				

▶ 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 Hz²⁾)

AC 24 V	B0	B0	B0	B0	B0	B0
AC 42 V	D0	D0	D0	D0	-	-
AC 48 V	H0	H0	H0	H0	-	-
AC 110 V	F0	F0	F0	F0	F0	F0
AC 230 V	P0	P0	P0	P0	P0	P0
AC 400 V	V0	V0	V0	V0	V0	V0

Coils for 50 and 60 Hz²⁾

AC 24 V	▶ B0	▶ C2	▶ C2	▶ B0	▶ C2	▶ C2
AC 42 V	D0	D2	D2	D0	D2	-
AC 48 V	H0	H2	H2	H0	H2	-
AC 110 V	F0	G2	G2	F0	G2	G2
AC 208 V	M2	M2	M2	M2	M2	M2
AC 220 V	N2	N2	N2	N2	N2	N2
AC 230 V	P0	L2	L2	P0	L2	L2

For USA and Canada³⁾

50 Hz	60 Hz						
AC 110 V	AC 120 V	▶ K6	▶ K6	▶ K6	▶ K6	▶ K6	▶ K6
AC 220 V	AC 240 V	▶ P6	▶ P6	▶ P6	▶ P6	▶ P6	▶ P6
	AC 277 V	▶ U6	▶ U6	▶ U6	▶ U6	▶ U6	▶ U6
	AC 480 V	▶ V6	▶ V6	▶ V6	▶ V6	▶ V6	▶ V6
	AC 600 V	▶ T6	▶ T6	▶ T6	▶ T6	▶ T6	▶ T6

For Japan

50/60 Hz ⁴⁾	60 Hz ⁵⁾						
AC 100 V	AC 110 V	G6	G6	G6	G6	G6	G6
AC 200 V	AC 220 V	N6	N6	N6	N6	N6	N6
AC 400 V	AC 440 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

$U_{s \text{ min}}$ to $U_{s \text{ max}}$ ⁶⁾	Size	S6	S10, S12	$U_{s \text{ min}}$ to $U_{s \text{ max}}$ ⁶⁾	Size	S6	S10, S12
	Contactor type	3RT1.5.-.A	3RT1.6/7.-.A		Contactor type	3RT1.5.-.A	3RT1.6/7.-.A
AC/DC 23 ... 26 V	▶ B3	▶ B3	▶ B3	AC/DC 240 ... 277 V	U3	U3	U3
AC/DC 42 ... 48 V	D3	D3	D3	AC/DC 380 ... 420 V	V3	V3	V3
AC/DC 110 ... 127 V	▶ F3	▶ F3	▶ F3	AC/DC 440 ... 480 V	R3	R3	R3
AC/DC 200 ... 220 V	M3	M3	M3	AC/DC 500 ... 550 V	S3	S3	S3
AC/DC 220 ... 240 V	▶ P3	▶ P3	▶ P3	AC/DC 575 ... 600 V	T3	T3	T3

Solid-state operating mechanism

$U_{s \text{ min}}$ to $U_{s \text{ max}}$ ⁶⁾	Size	S6	S10, S12	$U_{s \text{ min}}$ to $U_{s \text{ max}}$ ⁶⁾	Size	S6	S10, S12
	Contactor type	3RT1.5.-.N	3RT1.5.-.P/Q		Contactor type	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	▶ F3 ⁷⁾	▶ F3 ⁷⁾	▶ F3 ⁷⁾
AC/DC 200 ... 277 V	▶ P3	▶ P3	▶ P3	P3	▶ P3 ⁷⁾	▶ P3 ⁷⁾	▶ 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 $U_{s \text{ min}}$... 1.1 x $U_{s \text{ max}}$
7) 3RT12 vacuum contactors available from March 2002.