Selection and ordering data

Contactor type Rated control supply voltage U_S			3RT201 3RA211	3RT231 3RT251	3RT202 3RA212	3RT232 3RT252	3RT2617 3RT2627 3RT2637	3RT203 3RA213	3RT233 3RT253	3RT104 3RT134 3RT144 3RA114
			S00	*S00*	*S0*	*S0*	*S00-S2*	*S2*	*S2*	*S3*
Rated control supply voltages (changes to 10th and 11th positions of the Order No.)										
AC Operation [1]										
Coils for 50 Hz (exception: size S00: 50 and 60 Hz [2])	**24 V AC**		B0	B0	B0	B0	B0	B0	B0	B0
	42 V AC		D0	D0	D0	--	--	D0	--	D0
	48 V AC		H0	H0	H0	--	--	H0	--	H0
	110 V AC		F0	F0	F0	F0	F0	F0	F0	F0
	230 V AC		P0	P0	P0	P0	P0	P0	P0	P0
	400 V AC		V0	V0	V0	V0	V0	V0	V0	V0
Coils for 50 and 60 Hz [2]	**24 V AC**		B0	B0	C2	C2	C2	C2	C2	C2
	42 V AC		D0	D0	D2	D2	--	D2	D2	D2
	48 V AC		H0	H0	H2	H2	--	H2	H2	H2
	110 V AC		F0	F0	G2	G2	G2	G2	G2	G2
	208 V AC		M2	M2	M2	M2	M2	M2	M2	M2
	220 V AC		N2	N2	N2	N2	N2	N2	N2	N2
	230 V AC		P0	P0	L2	L2	L2	L2	L2	L2
	240 V AC		P2	P2	P2	P2	P2	P2	P2	P2
For USA and Canada [3]	50 Hz:	60 Hz:								
	110 V AC	**120 V AC**	K6	K6	K6	K6	K6	K6	K6	K6
	220 V AC	**240 V AC**	P6	P6	P6	P6	P6	P6	P6	P6
		277 V AC	—	—	—	U6	—	U6	U6	U6
		480 V AC	V6	—	V6	—	—	V6	V6	V6
		600 V AC	—	—	—	T6	—	T6	T6	T6
For Japan	50/60 Hz[4]:	60 Hz[5]:								
	100 V AC	**110 V AC**	G6	G6	G6	G6	G6	G6	G6	G6
	200 V AC	**220 V AC**	N6	N6	N6	N6	N6	N6	N6	N6
	400 V AC	**440 V AC**	R6	R6	R6	R6	R6	R6	R6	R6
DC Operation [1]										
	12 V DC		A4	A4	—	—	—	—	—	—
	24 V DC		B4	B4	B4	B4	—	—	—	B4
	42 V DC		D4	D4	D4	D4	—	—	—	D4
	48 V DC		W4	W4	W4	W4	—	—	—	W4
	60 V DC		E4	E4	E4	E4	—	—	—	E4
	72 V DC		J8	J8	J8	J8	—	—	—	J8
	80 V DC		—	—	—	—	—	—	—	E8
	110 V DC		F4	F4	F4	F4	—	—	—	F4
	125 V DC		G4	G4	G4	G4	—	—	—	G4
	220 V DC		M4	M4	M4	M4	—	—	—	M4
	230 V DC		P4	P4	P4	—	—	—	—	P4

Coil codes for frame sizes S6-S12 can be found on page 2/9. Further voltages on request

Rated control supply voltage	Contactor type	--	3RT2. 2.-.N	Rated control supply voltage	Contactor type	3RT2. 3.-.N
$U_{S\,min}$ ... $U_{S\,max}$ [6]	Size	S00	S0	$U_{S\,min}$ ... $U_{S\,max}$ [6]	Size	S2
Sizes S00 to S2						
AC/DC operation (50/60 Hz AC, DC)						
21 ... 28 V AC/DC		--	B3	20 ... 33 V AC/DC		B3
95 ... 130 V AC/DC		--	F3	83 ... 155 V AC/DC		F3
200 ... 280 V AC/DC [7]		--	P3	175 ... 280 V AC/DC		P3

1) For deviating coil voltages and coil operating ranges of sizes S00 and S0, the SITOP power 24 V DC power supply unit with wide range input (93 to 264 V AC; 30 to 264 V DC) can be used for coil excitation (For more SITOP information see section 15).

2) Coil operating range
at 50 Hz: 0.8 ... 1.1 x U_S
at 60 Hz: 0.85 ... 1.1 x U_S

3) Coil operating range
Size S00: at 50 Hz: 0.85.... 1.1 x U_S
at 60 Hz: 0.8 ... 1.1 x U_S
Size S0: at 50 Hz and 60 Hz: 0.8 ... 1.1 x U_S

4) Coil operating range
Size S00: at 50/60 Hz: 0.85 ... 1.1 x U_S
Size S0: at 50 Hz: 0.8 ... 1.1 x U_S
at 60 Hz: 0.85 ... 1.1 x U_S

5) Coil operating range
at 60 Hz: 0.8 ...1.1 x U_S

6) Coil operating range for S0: 0.7 x $U_{S\,min}$ ... 1.3 x $U_{S\,max}$
Coil operating range for S2: 0.8 x $U_{S\,min}$ ...1.1 x $U_{S\,max}$

7) The following applies to S0 and $U_{S\,max}$ = 280 V: Upper limit =1.1 x $U_{S\,max}$